

## Curriculum vitae



**Dr. K. Mahalakshmi.MSc., Ph.D.**  
**Professor and Head**, Department of Microbiology  
**Director-** Research Lab for Oral and Systemic Health  
Sree Balaji Dental College and Hospital  
Pallikaranai, Chennai- 600 100.  
Email: [mahalakshmi.sbdch@bharathuniv.ac.in](mailto:mahalakshmi.sbdch@bharathuniv.ac.in)  
[kmagvenkat@gmail.com](mailto:kmagvenkat@gmail.com)  
**ORCID ID:** 0000-0003-2753-9092  
Phone: +91 9444184403

### PERSONAL INFORMATION

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Residential address	:21/32 A, 4 <sup>th</sup> Cross Street, Thillai Nagar. Kolathur, Chennai – 600 099.
Academic Qualification	:M. SC., Ph.D. ( <b>Medical Microbiology</b> ).
Current position	:Professor& Head Dept of Microbiology Sree Balaji Dental College & Hospital Bharath Institute of Higher Education and Research Pallikaranai Chennai- 600 100
Teaching experience	:32yrs (UG) / 22yrs (PG)
Research experience	:17 yrs

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### Educational Qualifications:

**Doctor of Philosophy - Ph.D., (Faculty of Medicine)** Dr. ALM PG Institute of Basic medical sciences, University of Madras (2006-2012). **Highly commended.**

**M.Sc., Medical Microbiology (Faculty of Medicine)** Dr. ALM PG Institute of Basic medical sciences, University of Madras (1988-1991).

**Carrier objective:** Academia & Research

### Research Area

**Ph.D Thesis Topic:** “Molecular Epidemiology and Virulence Characterization of Anaerobic Gram Negative Bacilli in Periodontitis and Its Association with Atherosclerosis”

**Research focus:** Oral Microbiome and its link to systemic illness. Metagenomics in Oral health and disease. Oral Microbiology , Antimicrobial Resistance.

**Guideship No :** RS076

**No of students awarded Ph.D under my Guidance: 9**

Presently guiding 2 students for Ph.D.

**BIHER Funding**

1. Approval No: **Ref No/221/BIHER/REG/2019 dt 17.6.2019**

Project Title: “Molecular characterization of Candida species among patients with Oral squamous cell carcinoma and Oral potentially malignant disorders”Date Sanctioned: 17.06.2019Duration: 1 yearAmount Sanctioned: Rs 2.00,000/-

2. Approval No: **BIHER/RDF 2022 t IO12 Dated : 27th May 2022**

Project Title: “Virulence characterization of Candida isolates from Oral Squamous Cell Carcinoma and Oral Potentially Malignant Disorder”

**Current research area**

1. Prevalence of Candida species among patients with Oral squamous cell carcinoma and Potentially malignant disorders and Molecular characterization of *Candida albicans* with special reference to its virulence and antifungal resistance
2. Detection and identification of Oral Candida species prevalence among smokers
3. Aggressive periodontitis: A clinico- genetic and microbiological analysis
4. Molecular characterization of *Klebsiella spp* with special reference to its virulence and antimicrobial resistance.
5. Study on association of Microbiota to oral squamous cell carcinoma
6. Determinants of health among transgenders & men having sex with men of tamilnadu with special reference to epidemiology of oral diseases, oral bacterial profile and antibiotic resistant genes
7. Evaluation of Bacterial Biomarkers in the Gut of Inflammatory Bowel Disease by Metagenomic Analysis.
8. Molecular characterization of virulence, Phylogeny and drug resistance of oral candida isolates

**Patent Published for: “SPUTUM SMEAR APPLICATOR STICKS”** Application No: 20184100876 filing date - 09/03/2018

**CBR Detail**

Sr. No	Ref. No./Application No	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	201841008768	TEMP/E-1/9217/2018-CHE	8000	6649	FORM 1	SPUTUM SMEAR APPLICATOR STICKS

**Achievements / Awards**

1. Secured **“Concise & Beyond-the Textbook Teaching Award”** from **Sree Balaji Dental College and Hospital** on **23.04.2025**.
2. Secured **Best paper award** at Saveetha Dental College and Hospital during the 5<sup>th</sup> Microsummit 2024: International conference on Microbial Ecosystems and Biomedicines for Human Health, organized by the Department of Microbiology, Centre for Infectious diseases on **02 & 03 August 2024**.
3. Secured **1<sup>st</sup> prize for poster presentation** in a National conference at Sree Balaji Medical College and Hospital on **23<sup>rd</sup> November 2023**.
4. The article **“Epstein- Barr viral load in exfoliated cells of oral squamous cell carcinoma and oral potentially malignant disorders - A cross-sectional study”** published in the **Journal of Clinical Virology Plus** is linked to the **United Nations Sustainable Development Goals (SDG3)**, helping to tackle some of the world's greatest challenges. (2023)
5. Secured **Best Guide award** (in the Microbiology speciality) in the **“Research Fest”** organised by **Sree Balaji Dental College and Hospital** on **6<sup>th</sup> and 7<sup>th</sup> January 2023**.
6. Secured **Best paper award** at Saveetha Dental College and Hospital during the international virtual conference on Emerging and re- emerging infectious diseases in health care settings organized in association with Indian Association of Applied Microbiologists on 13 & 14 August 2021.
7. Secured **first place** for **E-poster entitled** “Antibacterial efficacy of Cobalt Ferrite Nanoparticles against Drug resistant *Escherichia coli* and *Klebsiella pneumoniae*” at the **“AICTE sponsored National seminar on Challenges and Opportunities in Green Nanotechnology”** at VELS Institute of Science, Technology & Advanced Studies on 25<sup>th</sup> January 2018.

8. Received “**Award for Best Technology Faculty**” from Education Expo India at New Delhi on 1<sup>st</sup> November 2015. [info@educationexpo.tv](mailto:info@educationexpo.tv) Education Expo TV, N-003, Plumeria Garden Estate, Omicron-IIIGreater Noida-201308, (Delhi NCR) UP, India
9. Received “**Best Teacher award**” from Bharath Institute for higher education and research on September 5<sup>th</sup> 2014.
10. Secured **first place for Oral Presentation** in the 34<sup>th</sup> Annual Conference of IABMS (Indian Association of Biomedical Scientists) and **National Symposium** on “**Role of Natural Resources in Health Care**”. Organized by Dept of Pharmacology. Dr. ALM PG Institute of Basic Medical Sciences, University of Madras, Taramani Campus, Chennai, 2013.

### **Memberships/Registrations**

Member – Indian Association of Biomedical Scientists. (Life member no- 584)

**Member Secretary– Institutional Ethics Committee (Human) of SBDCH.**

**Scientific Member - Institutional Ethics Committee (Clinical Trial) of SBDCH**

Chairman – Research committee of SBDCH, BIHER

Member – Academic council member of BIHER

IQAC – Internal co-ordinator

Member – Board of Studies (BDS, MDS)

Secretary – Course Curriculum Committee

Member – Internal Complaints Committee

Member - Board of Studies- VELS institute of Science, Technology & Advanced Studies (B.Sc., 3yrs, B. Sc., Hons-4 yrs, M. Sc., Microbiology)

### **Conferences Organized**

- a seminar/training in EC functions and SOPs on 19th August 2024 at Sree Balaji Dental College and Hospital, Chennai.
- Guest Lecture on AI-DRIVEN STRATEGIES IN THE WAR AGAINST INFECTIOUS DISEASES held on 21st August 2024 at Sree Balaji Dental College and Hospital, Chennai.
- Guest lecture in c ommemoration of the World AIDS Day, “ Oral Manifestations in AIDS patients on 1<sup>st</sup> December, 2022. (organizing chairman)
- International conference on “SARS-CoV-2 contagion: lessons learnt”on 15<sup>th</sup> & 16<sup>th</sup> December 2021. (organizing chairman)
- Webinar in commemoration of the World AIDS Day “THE PRESENT & FUTURE OF HIV/AIDS” (**Moderator**)
- National conference on “Advanced molecular techniques in infectious disease diagnosis” on 24th & 25th November 2021 (**organizing chairman**)

- Workshop on “ SARS CoV-2 diagnosis by Real-Time PCR ON 5<sup>th</sup> &6<sup>th</sup> August 2021 (**organizing chairman**)
- Webinar on Writing a Scientific paper: Tips for getting started” 29<sup>th</sup> October 2020. (**Moderator**)
- International Virtual (online) Conference on Oral Microbiology-(**ORMICON 2020**) on 3<sup>rd</sup> June 2020 (**conference organizing chairman**)
- Webinar session on 9<sup>th</sup> May 2020“**SARS-CoV-2 – Facts & Diagnosis**” (Moderator)
- Department **Guest lecture** on 7<sup>th</sup> september 2018
- **CME** on “ **Emerging Respiratory Infections**” July 29<sup>th</sup> 2016, (**Conference secretary**)
- **International conference on Oral Microbiology**, 30<sup>th</sup> & 31<sup>st</sup> July 2013 (ORMICON 2013). (**organizing secretary**)

### **Book Chapter:**

1. **Krishnan Mahalakshmi**, K. Veeresh Kumar, Sankar Leena Sankari, M. Dhanalakshmi and Venkatesan Naveen Kumar Case study: Colonic microbiome in inflammatory bowel disease. ISBN: 978-0-443-22348-8, Chapter 12, page 213-222, <https://www.elsevier.com/books-and-journals>.

2. Poojitha Suganthakumar, Tripuravaram Vinay Kumar Reddy, Vijay Venkatesh, Kingston Chellapandian, **Mahalakshmi Krishnan**. Evaluation of Antibacterial Efficacy and pH of Titanium Tetrafluoride-incorporated Mineral Trioxide Aggregate., Print ISBN: 978-93-48006-63-9, eBook ISBN: 978-93-48006-60-8. 2024.

3. Sankari, S.L., **Mahalakshmi, K.**, Kumar, V.N. (2024). Speciation of Oral Candida Isolates from Patients with Oral Squamous Cell Carcinoma, Oral Potentially Malignant Disorders, and Healthy Subjects Using Phenotypic and PCR-RFLP Methods. In: Parthasarathy, K., Manikkam, R. (eds) Translational Research in Biomedical Sciences: Recent Progress and Future Prospects. **Springer**, Singapore. [https://doi.org/10.1007/978-981-97-1777-4\\_21](https://doi.org/10.1007/978-981-97-1777-4_21)

4. S. Leena Sankari, **K. Mahalakshmi**, G. M. Kailash Kumar, K. M. K. Masthan, V. Naveen Kumar. Association of Epstein - Barr virus with Oral Squamous Cell Carcinoma and Oral Potentially Malignant Disorders. Emerging Trends in Disease and Health Research Vol. 8, 15 June 2022, Page 101-112. <https://doi.org/10.9734/bpi/etdhr/v8/16050D>

### **Other Concurrent Roles**

Editorial Board (member) - Indian Journal of Multidisciplinary Dentistry

Reviewer -

BMC- Oral Health

International Journal for Diabetes in Developing Countries

Iranian Endodontic Journal.

## Invited Lectures

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1. Invited Guest Lecture on Topic: **“Stop the Spread: Infection control measures in Dental Settings”** organized by Saveetha Dental College and Hospital, Chennai 28<sup>th</sup> June 2025.
2. Invited **Guest lecture in the CDE program Topic: Decoding Dengue: Understanding the virus and its impact on 19<sup>th</sup> September 2024** at Sree Venkateswara Dental College and Hospital
3. Invited **Guest lecture** on World hygiene day -2022 organized by Saveetha Dental College and Hospital, Chennai 5<sup>th</sup> May 2022. Topic: **Clean Hands: Current Perspectives & Innovative Ideas.**
4. **Guest of Honour Lecture** on the INAUGURATION OF SCIENCE ASSOCIATION 2021 organized by JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN, Chennai. (12<sup>th</sup> October , 2021) Topic: **“An Overview of SARS COV2”**
5. **Lecture** on **“Use of Real-Time PCR based quantitation of bacteria and virus from oral cavity – a personal experience”** delivered during the workshop on SARS-COV-2 diagnosis by Real-time PCR (5<sup>th</sup> and 6<sup>th</sup> August 2021)
6. **Guest Speaker at INTERNATIONAL VIRTUAL (ONLINE) CONFERENCE-ORMICON 2020** on 3<sup>rd</sup> June 2020. Topic: **“Oral Microbiome and its Systemic Correlation-A Paradigm Shift”**
7. **Invited speaker in the Seminar on “ Emerging Trends In Eco Green Technology"- ETIEGT-2019**" organized by PG Department of Microbiology, New Prince Sree Bhavani Arts and Science College on September' 27 2019
8. **Invited speaker** in the CME at CSI Kalyani Hospital, Chennai on 13<sup>th</sup> April 2019. Topic: **“Oral Microbiome and its systemic correlation- AParadigm shift”**
9. Invited Speaker at **“The National Conference on Current Trends on Conservation of Biodiversity for Food,Nutrition and Health”** on 28<sup>th</sup> February 2019 at Prof . Dhanapalan College of arts and Science, Chennai. Topic: **Oral Microbiome in health and disease.**
10. Guest lecture on **“ Bacterial Drug Resistance-An emerging problem in Medicine”** on 14<sup>th</sup> November 2018, organized by Oral Cancer Research Centre (OCRC), Sree Balaji Dental College and Hospital, Chennai.
11. Invited speaker at **“The state level symposium on “Women’s World Health”** on 8<sup>th</sup> March, 2017 organized by Sree Balaji College of Physiotherapy, Chennai. Topic: **“Infectious Disease burden in Women.”**

12. Invited Talk at the **International conference on “Microbiome in health, disease and environment”** held during March 3-4, 2017 organized by Central Inter-Disciplinary Research Facility, sponsored by **ICMR & DBT** at Sri Balaji Vidyapeeth, Puducherry Topic: **“Oral Microbiome and its systemic correlation – A paradigm shift”**.
13. Special lecture on **“Periodontopathic bacterial research: past, present and future trends”** on 29<sup>th</sup> February 2016, at the **Department of Microbiology, Dr. ALM PG IBMS, University OF Madras, Chennai**.
14. Delivered a Lecture on **“Sterilization in Dental Practice”** in the 100th Clinical Society Meeting held on June 2014 at Sree Balaji Dental College & Hospital, Chennai.
15. Delivered a Lecture on **“ANTIMICROBIAL RESISTANCE- An emerging problem in Medicine”** at CSI Rainy Hospital, Chennai in the month of July 2014.
16. Presented a Guest Oration on the topic **“Is Periodontitis linked To Atherosclerosis? - A Microbiological Perspective”** in the 25<sup>th</sup> ISDR (IADR-India section) International Conference held at Accord Metropolitan, Chennai, 2012.
17. Delivered a Guest Lecture on **“Antibacterial Testing in Endodontics”** in the Recapitulation-IV “Assessing Methodologies” at Meenakshi Ammal Dental College & Hospital, Chennai, 2012.
18. Delivered a Guest Lecture on **“Microbiological Investigations in Oral Medicine”** in the National Indian Academy of Oral Medicine & Radiology PG Convention 2010 organized by IAOMR & Sree Balaji Dental College & Hospital, Chennai, 2010.
19. Delivered a Key Note Address on **“Virulence genes of *P.gingivalis* as periodontitis markers”** in the 63<sup>rd</sup> Indian Dental Conference Chennai/ February 2010.
20. Delivered a Lecture on **“Anaerobic Culture & PCR Techniques-A Prospective Application in Dental Research”** in the 32nd Clinical Society Meeting held on 30/04/2008 at Sree Balaji Dental College & Hospital, Chennai.

### **SESSIONS CHAIRED**

- **Resource person** on **“World Environment Day”** conducted by by Sree Balaji College of Physiotherapy
- **Chaired scientific session** at **Saveetha Dental College and Hospital** during the **5<sup>th</sup> Microsummit 2024**: International conference on Microbial Ecosystems and Biomedicines for Human Health, organized by the Department of Microbiology, Centre for Infectious diseases on **02 & 03 August 2024**
- **Member of Jury** in PROFORM-2024 held on July 26 & 27, 2024 at Sree Balaji Dental College and Hospital.
- **Chaired poster presentations** at ResNatCon2021 organized by Sree Balaji Medical College and Hospital on 19 & 20<sup>th</sup> November 2021

- Chaired scientific session –Oral papers at **“The National Conference on Current Trends on Conservation of Biodiversity for Food,Nutrition and Health”** on 28<sup>th</sup> February 2019 at Prof . Dhanapalan College of arts and Science, Chennai.
- Chaired scientific session –poster at **“The National Conference on Current Trends on Conservation of Biodiversity for Food,Nutrition and Health”** on 28<sup>th</sup> February 2019 at Prof . Dhanapalan College of arts and Science, Chennai.
- Chairperson in the scientific session held during the 12<sup>th</sup> **International BDS students seminar** on Basic Medical sciences on 8<sup>th</sup> December 2018 at Saveetha Dental College & Hospital, Chennai.
- Chaired a scientific session (poster) at the**“International Conference on Novel Antibiotic Resistance Breakers & Diagnostic Biomarkers”** held at **B.S.Abdur Rahman Crescent Institute of Science & Technology in association with University of Missouri, USA** on 22<sup>nd</sup> &23<sup>rd</sup> December 2017.
- Chaired a scientific session at **“The state level symposium on “Women’s World Health”** on **8<sup>th</sup> March, 2017** organized by Sree Balaji College of Physiotherapy, Chennai
- Chaired a Scientific session in the **“MAHER National Summit on Current Research in Science 2013”** at Meenakshi ammal Dental College and Hospital.
- Chaired a Scientific session in the **25<sup>th</sup> ISDR (IADR-India section) International Conference** held at Accord Metropolitan, Chennai 2012.
- Chairperson in the scientific session held during the **National BDS students seminar** on Basic Medical sciences on 14th& 15th October 2006 at Saveetha University, Chennai.

**LIST OF PUBLICATIONS** Total:**102** ( Citations:**1062**, h-index-**14**, i10-index-**19**)

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#### **In International Journals (95)**

1. Palanisamy S, **Mahalakshmi K**, Sankari SL. Proteinase and Phospholipase as Virulence Determinants of Candida Isolates from Oral Squamous Cell Carcinoma and Oral Potentially Malignant Disorders. World J Dent 2025;16(4):314–317.



2. Amutha Mathu Vimala Soorya \*, Vishnu Rekha Chamarthi , **Mahalakshmi Krishnan**, Dhanraj Kalaivanan, Santham Krishnamoorthy, Sumaiyya Saleem , Sai Sarath Kumar Kothimbakkam, Santhosh Priya Appiya Krishnan Ramnath Babu. Biofilm formation and surface characteristics of conventional glass ionomer, resin-modified glass ionomer, and GC gold hybrid restorative material J Dent Mater Tech, Vol 13, No 4, December 2024
3. Subramani MB, **Mahalakshmi K**, Jaya B, Sankari SL, Kumar VN. *Candida Albicans* candidalysin *ECE1* gene – A potent virulence factor for oral squamous cell carcinoma and oral potentially malignant disorders. Indian J Dent Res.2024
4. Poojitha S, Tripuravaram Vinay K Reddy, Vijay Venkatesh, Kingston Chellapandian, **Mahalakshmi Krishnan**. The Effect of Titanium Tetrafluoride on Physical Properties on Mineral Trioxide Aggregate: An In Vitro Study. **World journal of Dentistry**, Received on: 12 May 2024; Accepted on: 12 September 2024; Published on: xxxx
5. Suganthakumar P, Reddy TVK, Venkatesh V, Chellapandian K, **Krishnan Mahalakshmi**. Evaluation of the pH and Antibacterial Efficacy of Mineral Trioxide Aggregate with and Without the Incorporation of Titanium Tetrafluoride. **Cureus**. 2024 Jul 12;16(7):e64385. doi: 10.7759/cureus.64385. PMID: 39130972; PMCID: PMC11317115.
6. Madhumitha Muthukumaran, Jeevarathan Jayaprakash, Ponnudurai Arangannal, **Krishnan Mahalakshmi**. Efficacy of Immunoglobulin Y Chewable Tablets on Streptococcus mutans Count in Patients Undergoing Orthodontic Treatment. Int J Clin Pediatr Dent 2024;https://doi.org/10.5005/jp-journals-10005-2774.
7. P.Sneka, **Mahalakshmi Krishnan**, Hamsadwani KP, Riya Janakiraman. Changing Pattern of drug Resistance in Candida–A Review. Journal of Pharmaceutical Negative Results 2023; 14(02);1877-80.
8. Gnanamuttu A, Veronica AK, **Mahalakshmi K**, Sai S, Susila AV. Noneugenol sealers – Thyme oil as an alternative in zinc oxide-based endodontic sealers. Endodontology 2023; 35:161-6.
9. Sai S, J. Abisha VM, **Mahalakshmi K**, Veronica AK, Susila AV. Treasure from trash – Is Coenzyme the new panacea in conservative dentistry and endodontics? J Conserv Dent 2023;26:176-81.
10. P. Sneka, **K. Mahalakshmi**, Antimicrobial Resistance–A Silent Pandemic, National Journal of Community Medicine 14(01) (2023) 71-72.
11. Prasanth BK, Eashwar VM, **Mahalakshmi K**, Ramachandran K. Epidemiology of non-communicable diseases among transgender population residing in Chennai district, Tamil Nadu. J Family Med Prim Care 2023;12:762-7
12. Sneka P, Hamsadwani K P, Sangamithra V, **Krishnan Mahalakshmi**. Waning immunity of primary chadox1 ncov-19 vaccination in adults of various age group. Journal of Pharmaceutical Negative Results. 13(7), 2022;2943-50.
13. **Mahalakshmi K**, Sankari SL, Kumar VN. Absence of zygomycetes in the oral niche of patients with oral squamous cell carcinoma and oral potentially malignant disorders. J Oral Maxillofac Pathol2022;26:553-4.
14. Is Helicobacter pylori linked to halitosis in non-dyspeptic chronic periodontitis patients? – A case-control study. (Accepted in Pesquisa Brasileira em Odontopediatria e Clinica Integrada).

15. B.Krishna Prasanth, Krishnan Mahalakshmi, Umadevi Ramachandran, Nishanth Gurunathan, Antimicrobial susceptibility pattern for managing maxillofacial odontogenic infections- A tertiary care hospital –based study in Kanchipuram district, Tamil Nadu, Neuroquantology, June 2022, Volume20, Issue6, Page 2486-2492,Scopus, (Pubmed 0.453)
16. Krishna Prasanth Baalann, Mahalakshmi Krishnan. A case of secondary syphilis Pan African Medical Journal, 2022; 42:151                      PubMed
17. Krishna Prasanth Baalann, . **Mahalakshmi Krishnan** Becker's nevus. Pan African Medical Journal. 2022; 41(142). 10.11604/pamj.2022.41.142.33417
18. Prasanth BK, Mahalakshmi K, Umadevi R, Anantha Eashwar VM. A Study on Depression among Transgender Residing In Chennai District, Tamil Nadu. Natl J Community Med 2022;13(2):96-99. pISSN 0976 3325 | eISSN 2229 6816
19. Anitha Balaji, Nilofer Farjana Habeeb Rahman, Dr Mohanasatheesh, Krishnan Mahalakshmi. Association of Human Leukocyte Antigen with Periodontitis by Next Generation Sequencing – A Cross Sectional Study, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Volume 21, Issue 6 Ser.5 (June. 2022), PP 01-05.
20. T.Sarumathi, Dr. S. Bhumathan, Dr. Shruthi Parthasarathy, Dr.K.Mahalakshmi, Dr. Bhargavi Ramesh. Antifungal Drug Resistance – Its Importance in Oral Cavity International journal of Life Sciences and Pharma Research. 2022
21. Kailash Kumar Gopalakrishnan Mahalingam , Leena Sankari Sankar, K.M.K. Masthan , **Krishnan Mahalakshmi\*** , Venkatesan Naveen Kumar. Epstein- Barr viral load in exfoliated cells of oral squamous cell carcinoma and oral potentially malignant disorders - A cross-sectional study. Journal of Clinical Virology Plus 1 (2021) 100051.
22. Prashanth BK, **Mahalakshmi K**, Umadevi R, Kalpana S, Anantha Eashwar VM. Prevalence of Sexually Transmitted Infections among Men Who Have Sex with Men in Chennai- A Cross Sectional Study. Natl J Community Med2021;12(10):317-320.
23. Prashanth BK, **Mahalakshmi K**, Umadevi R, Kalpana S, Anantha Eashwar VM. Sexual Health Status and Quality Of Life among Transgender Population in Chennai. Natl J Community Med 2021;12(10):306-310.
24. P. Sneha , **Mahalakshmi Krishnan**, V. Sangamithra. Emerging Echinocandin Resistance – A Review. Journal of Pharmaceutical Research International, 33(53A): 60-66, 2021;

25. Prasada Rao Namburi, Krishnan Mahalakshmi. Association of Microbiota with Oral Potential Malignant Disorder: A Mini Review. *Journal of Pharmaceutical Research International*, 33(47A): 704-708, 2021;
26. B. Krishna Prasanth, **Krishnan Mahalakshmi**, R., S. Kalpana, V.M. Anantha Eashwar. Assessment of Micronuclei in the exfoliated Buccal Mucosal Cells based on the Personnel behavior among the Transgender Population of Tamil Nadu. **Annals of R.S.C.B.**, ISSN: 1583-6258, Vol. 25, Issue 5, 2021, Pages. 4307 – 4313.
27. Arunajatesan Subbiya, Kotishwaran Gayathri, Alagarsamy Venkatesh, Kesavaram Padmavathy, **Krishnan Mahalakshmi**, Suresh Mitthra. Evaluation of the Antibacterial Efficacy of Daptomycin, Gentamicin, and Calcium Hydroxide—Antibiotic Combinations on *Enterococcus faecalis* Dentinal Biofilm: An In Vitro Study. **The Journal of Contemporary Dental Practice**, Volume 22 Issue 2 (February 2021) 128-133
28. Sankar Leena Sankari, Krishnan Mahalakshmi. Carcinogenic potential of Candida isolates from oral squamous cell carcinoma patients. *International Journal of Infectious Diseases* 101(S1) (2021) 384–402 , Impact Factor: 3.202
29. Sankari, S.L., **Mahalakshmi, K.** & Kumar, V.N. A comparative study of Candida species diversity among patients with oral squamous cell carcinoma and oral potentially malignant disorders. *BMC Res Notes* **13**, 488 (2020).  
<https://doi.org/10.1186/s13104-020-05336-3> (**Impact factor- 1.34**)
30. Prasada Rao Namburi, **Krishnan Mahalakshmi**, Porphyromonas gingivalis And Oral Squamous Cell Carcinoma - a Mini Review. *European Journal of Molecular & Clinical Medicine*, 2020; 7(8): 1705-1708. **scopus**
31. Prasada Rao Namburi , **Krishnan Mahalakshmi\***, Sankar Leena Sankari Venkatesan Naveen Kumar. Low Abundance of Capnophiles in the Saliva of Oral Squamous Cell Carcinoma Patients- A Metagenomic Analysis. *European Journal of Molecular & Clinical Medicine*, 2020; 7(5): 1375-1379.scopus
32. B.Krishna Prasanth, **Krishnan Mahalakshmi**, R.Umadevi , S.Kalpana, V.M.Anantha Eashwar. Knowledge on Oral Hygiene Practices And Assessment Of Oral Health Status Among Transgender Community Residing In Chennai Metropolitan City – A Descriptive Cross-Sectional Study. *European Journal of Molecular & Clinical Medicine*, 2020; 7(8): 1698-1704.scopus.
33. Krishna Prasanth B, **Mahalakshmi K**, Kalpana S, Anantha Eashwar V M. A Study on Hypertension among Persons Living with HIV attending ART, **Int. J. Res. Pharm. Sci.**, 2020 11(4): 7078-7082
34. Nishanth, G, Krishna Prasanth B, N. Aravinda **Mahalakshmi K**. Insights of Transgenders in India- A Review, **Indian Journal of Forensic Medicine & Toxicology**, 2020.

35. **Krishnan Mahalakshmi**, Prasada Rao Namburi. Association of Microbiota to Oral Squamous Cell Carcinoma: A Short Review Thematic Area: Microbiology. *European Journal of Molecular & Clinical Medicine*, 2020; 7(5): 1364-1374.scopus.
36. Arunajatesan Subbiya., Niranjani Madan, Vanilarasu Thirumalai, **Krishnan Mahalakshmi**, Kesavaram Padmavathy, Suresh Mithra. Evaluation of irrigant-intracanal medicament regimen against *Enterococcus faecalis* biofilm count. **European Journal of Molecular & Clinical Medicine**. 2020: 7(5): 1219-1224. (Scopus indexed)
37. Kaur G, Reddy TVK, Venkatesh KV, **Mahalakshmi K**. Effects of chitosan oligosaccharide and calcium hypochlorite on *E. Faecalis* dentinal biofilm and smear layer removal - SEM analysis. **Indian J Dent Res** 2020;31:550-6
38. B. Aditi Priyadarshini, **Krishnan Mahalakshmi**. Phenotypic and genotypic characterisation of carbapenem resistant *Klebsiella pneumoniae* clinical isolates from a tertiary care hospital. **Plant Cell Biotechnology and Molecular Biology** 21(7&8):27-35; 2020 (Scopus)
39. B. Aditi Priyadarshini, **Krishnan Mahalakshmi**. Virulence factors correlation among Ampc and ESBL Producing *Klebsiella pneumoniae* clinical Isolates. **Plant Cell Biotechnology and Molecular Biology** 21(5&6):59-64; 2020 (Scopus)
40. Shanmugam S, Pradeep Kumar AR, Abbott PV, Periasamy R, Velayutham G, Krishnamoorthy S, Mahalakshmi K. Coronal Bacterial Penetration after 7 days in class II endodontic access cavities restored with two temporary restorations: A Randomised Clinical Trial. *Aust Endod J*. 2020 Dec;46(3):358-364. doi: 10.1111/aej.12415. Epub 2020 Jun 22. PMID: 32568470. (Impact factor: 2.02 Indexed in Pubmed & Scopus)
41. Subbiya A, Roopchander K, **Mahalakshmi K**, Padmavathy K, Vivekanandan P. Bactericidal and smear layer removal efficacy of herbal alternatives against *Enterococcus faecalis* dentinal biofilm – an ex-vivo study. **Pesquisa Brasileira em Odontopediatria e Clínica Integrada**. 2020; 20:e5475.
42. Anitha Balaji, **Mahalakshmi Krishnan**, Anuradha B, Krishna Prasanth. Prevotella ruminicola: Boon or bane in periodontology. *Biomedical Research* 2020; 31 (3):
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49. Sankar Leena Sankari, **Krishnan Mahalakshmi\*** and Venkatesan Naveen Kumar. Chromogenic medium versus PCR–RFLP in the speciation of Candida: a comparative Study. **BMC Res Notes** (2019) 12:681(**Impact factor- 1.6**)
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92. **Mahalakshmi Krishnan**, Padma Krishnan, Subashini Natarajan.Occurrence of *Porphyromonas gingivalis fimA* type II and *prtC* genotype among periodontitis patients **BMC infectious diseases**, January 2012, 12 (suppl); p22. (Impact Factor: **3.12**, Indexed in - Pubmed)
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#### **Publications in National Journals (7nos)**

96. Malarvizhi Dakshinamoorthy, Monisha Subramanian, Kesavaram Padmavathi, **Krishnan Mahalakshmi**, KarthickArumugamVivekanandhanParamasivam. Effect of Probiotic Chocolate in the Reduction of *Streptococcus mutans* Count. **Biomedical & Pharmacology Journal** 2016; 9(3):1073-78. (Indexed in - Scopus)
97. Geethapriya N, Subbiya A, Padmavathy K, **Mahalakshmi K**, Vivekanandan P, Sukumaran VG. Effect of chitosan-ethylenediaminetetraacetic acid on *Enterococcus faecalis* dentinal biofilm and smear layer removal. **J Conserv Dent** 2016;19:472-7 (Indexed in - Pubmed)
98. Subbiya A, **Mahalakshmi K**, Pushpangadan S, Padmavathy K, Vivekanandan P, Sukumaran VG. Antibacterial efficacy of *Mangifera indica* L. kernel and *Ocimum sanctum* L. leaves against *Enterococcus faecalis* dentinal biofilm. **J Conserv Dent** **2013**; 16:454-7. (Indexed in - Pubmed)
99. Arangannal P S, Krishnan P, Nichani MH, **Krishnan Mahalakshmi**, Chamarthi V. Detection of putative periodontopathic bacteria in type 1 diabetic and healthy children: A comparative study. **Indian J Dent Res** 2013; 24:342-6. (Indexed in - Pubmed)
100. Arunajatesan Subbiya, **Krishnan Mahalakshmi**. *Bordetella avium* & *Bacillus megaterium* in endodontic infection. **Indian journal of multidisciplinary dentistry**. Vol 2, Issue 1, November 2011 to January 2012: 411-414. (Indexed: Index Copernicus International Ltd, Chemical abstracts)
101. Bagavad Gita Veerabahu, Chandrasekaran SC, Mohammed Nazish Alam, **Mahalakshmi Krishnan**. Papillon-Lefevre Syndrome. **Journal of Oral and Maxillofacial Pathology** 2011; 15:325-7. (Indexed in - Pubmed)
102. Jayapal V, Selvibai G, Mahalakshmi K, Pushkala, Regunath K, Subramanian S. Comparative study of anti-PGL-1, Anti-35 K Da and anti-lipoarabinomannan assays for serodiagnostics of leprosy. **Indian Journal of Leprosy**. 2001 Jul-Sep; 73(3):229-37. (Indexed in – Pubmed, Scopus)

## Papers presented (International/National conferences)

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1. Oral paper on “**16S rRNA Microbiome profile of Saliva from Oral Squamous Cell Carcinoma patients**” in the The international virtual conference on Emerging and re- emerging infectious diseases in health care settings organized By Saveetha Dental College and Hospital in association with Indian Association of Applied Microbiologist MICROSUMMIT-2021 on August 13<sup>th</sup> and 14<sup>th</sup> 2021. (**Won Best Paper award**)
2. **E-poster on** “Antibacterial efficacy of Cobalt Ferrite Nanoparticles against Drug resistant *Escherichia coli* and *Klebsiella pneumoniae*” at the National seminar on Challenges and Opportunities in Green Nanotechnology at Vel’s University on 25<sup>th</sup> January 2018. (**1<sup>st</sup> Prize**)
3. “**Phenotypic and genotypic characterisation of carbapenem resistant *Klebsiella pneumoniae* clinical isolates**”- International Conference on Novel Antibiotic Resistance Breakers & Diagnostic Biomarkers” held at B.S.Abdur Rahman Crescent Institute of Science & Technology in association with University of Missouri, USA on 22<sup>nd</sup> & 23<sup>rd</sup> December 2017.
4. “**Oral candidal carriage and their antifungal susceptibility pattern in potentially malignant disorders**” - 17th International Congress on Infectious Diseases held at Hyderabad, March 2016
5. Are virulence factors of periodontopathic bacteria; a consistent additional virulence marker to atherosclerosis? - **34<sup>th</sup> Annual Conference of IABMS (Indian Association Of Biomedical Scientists) and National Symposium on “Role of Natural Resources in Health Care” 28th -29<sup>th</sup> December, 2013, Dr. ALM PG Institute of Basic Medical Sciences, University of Madras, Taramani Campus, Chennai. (SECURED FIRST PLACE FOR ORAL PRESENTATION)**
6. Conventional PCR vs. Real-time PCR in the direct detection of *Porphyromonas gingivalis fimA* type I genotype. 37<sup>th</sup> National Conference of the Indian association of medical microbiologists (**MICROCON 2013**) held at HICC, Hyderabad
7. “**Periodontal pathogens - an emerging risk factor for cardiovascular diseases**” at the International symposium on Changing Etiology of Emerging Infectious Diseases” on 6<sup>th</sup> February 2013 held at Triple Helix Auditorium, Chennai
8. Occurrence of *Porphyromonas gingivalis fimA* type II and *prtC* genotype among periodontitis patients (**The International Science Symposium on HIV & Infectious Diseases.(HIV SCIENCE 2012), Vigyan Auditorium, CSIR Campus, Taramani, Chennai, India. 20th January, 2012**)

9. *Tannerella forsythia bspA* vs. *prtH* genotype among periodontitis patients. (XXXV **National Conference of the Indian association of medical microbiologists**, BHU, Varanasi, November/ 2011)
10. *Tannerella forsythia bspA* genotype association with periodontal status. (XXXIV **National Conference of the Indian association of medical microbiologists**, Swaboomi, Kolkata, November / 2010)
11. Periodontopathic bacterial DNA detection in carotid coronary stenotic artery plaque and Dental plaque samples. (International Conference- Understanding and managing pathogenic microbes. IMTECH. Chandigarh, January/ 2010)
12. Virulence genes of *P. gingivalis* as periodontitis markers. (Indian Dental Association (IDA) Conference. Chennai Trade Centre, Chennai/ 2009)
13. Direct detection of *prtC* gene of *Porphyromonas gingivalis* from periodontal disease and health by PCR. (XXXIII National Conference of the Indian association of medical microbiologists JSS Medical college, Mysore/ 2009)
14. Antibacterial activity of Triphala, GTP and curcumin on *Enterococcus faecalis* (National conference on current trends in medicinal plants research and herbal technology (NCMPRHT) Pachaiappa's college, Chennai/ 2008.)
15. Detection of virulent strains of *Porphyromonas gingivalis* in periodontitis and health (XXXII National Conference of the Indian association of medical microbiologists, Armed forces medical college Pune/ 2008)
16. Interleukin 1 $\beta$  in leprosy patients and their kinetics during multi-drug therapy (XIV **National Congress of Indian association of medical microbiologists**, Christian Medical College & Hospital –Vellore. Year / 1990)

#### **Conference attended (International)**

1. **International Conference on Novel Antibiotic Resistance Breakers & Diagnostic Biomarker** held at B.S.Abdur Rahman Crescent Institute of Science & Technology in association with University of Missouri, USA on 22<sup>nd</sup> and 23<sup>rd</sup> Decembe 2017.
2. **4<sup>th</sup> IIT Madras-Tokyo Tech Joint Symposium** held on “Frontiers in Bioinformatics: Large scale data analysis, resources and drug design” organized by the Bioinformatics Infrastructure facility at **IIT campus Chennai** on 10<sup>th</sup> & 11<sup>th</sup> November 2017.
3. **17<sup>th</sup> International Congress on Infectious Diseases** held at Hyderabad, March 2016.

4. **International Science Symposium on HIV & Infectious Diseases** organized by YRG CARE, Chennai, January 2014.
5. **International conference on Oral Microbiology (ORMICON 2013)** held at Sree Balaji Dental College & Hospital, Chennai on 30th and 31st July 2013.
6. The **International symposium on “Changing Etiology of Emerging Infectious Diseases”** on 6th February 2013 held at Triple Helix Auditorium, Chennai
7. Pre Conference Course on **“Research Methodology & Biostatistics”** in the (25<sup>th</sup>ISDR (IADR-India section) International Conference) held at **Sree Balaji Dental College & Hospital, Chennai, 2012.**
8. Pre Conference Course on **“Research Forum on Understanding safe ethical and effective research”** in the 25<sup>th</sup>ISDR (IADR-India section) International Conference held at **Sree Balaji Dental College & Hospital, Chennai, 2012.**
9. Pre Conference Course on **“Oral Cancer (Molecular genetics and chair side approach) (25<sup>th</sup>ISDR (IADR-India section) International Conference)** held at **Sree Balaji Dental College & Hospital, Chennai, 2012.**
10. **International Conference on Understanding and Managing Pathogenic Microbes** organized by the Institute of Microbial Technology (CSIR), Chandigarh, 2010.
11. **International Conference on Opportunistic Pathogens in AIDS (ICOPA – INDIA) (AIIMS – New Delhi/ 2008).**

#### **Conference attended (National)**

12. National conference on Human Microbiome at the interface of Health and Disease, 2<sup>nd</sup> & 3<sup>rd</sup> November 2020
13. National conference on Mycology at SRM Medical College Hospital & Research Centre on 27th October 2018.
14. State conference on Dermatophytosis. organized by Department of Microbiology, Sree Balaji Medical College and Hospital on 26<sup>th</sup> september 2018.
15. **PARACON-2017-** organized by Department of Microbiology, Sree Balaji Medical College and Hospital on 4<sup>th</sup> Feb, 2017.

16. A 2 day conference “VIGOR 2017” organized by Sree Balaji College of Physiotherapy held on 4th Jan, 2017.
17. **National level conference in clinical Microbiology (ARISE- 2015)**, organized by SRM Medical College Hospital & Research Centre, dept of Microbiology, Indian association of Medical Microbiology- Tamilnadu Chapter & ICMR.
18. **34<sup>th</sup> Annual Conference of IABMS (Indian Association Of Biomedical Scientists) and National Symposium** on “Role of Natural Resources in Health Care” 28<sup>th</sup> -29<sup>th</sup> December, 2013, Dr. ALM PG Institute of Basic Medical Sciences, University of Madras, Taramani Campus, Chennai.
19. **37<sup>th</sup> National Conference of the Indian association of medical microbiologists (MICROCON 2013)** held at HICC, Hyderabad, November 2013.
20. **35<sup>th</sup> National Conference of the Indian association of medical microbiologists** held at BHU, Varanasi, 2011.
21. **34<sup>th</sup> National Conference of the Indian association of medical microbiologists** held at Swaboomi, Kolkata, 2010.
22. **National Indian Academy of Oral Medicine & Radiology PG Convention 2010** organized by IAOMR & Sree Balaji Dental College & Hospital, at Accord Metropolitan, Chennai, 2010.
23. **33<sup>rd</sup> National Conference of the Indian association of medical microbiologists** held at JSS Medical College, Mysore/ 2009.
24. **Silver Jubilee Conference- 2008, Department of Microbiology, University of Madras** organized by Dr. ALM PG IBMS, **University of Madras, Chennai/ 2008.**
25. **32<sup>nd</sup> National Conference of the Indian association of medical microbiologists** (Armed forces medical college, Pune/ 2008)
26. **National conference on current trends in medicinal plants research and herbal technology (NCMPRHT- Government of India sponsored)** (Pachaiappa’s college, Chennai/ 2008.)
27. Conference on “**Newer antituberculosis drugs: antibiotics from untapped sources and from synthesized compounds**” conducted by Vision Research Foundation, **SankaraNethralaya& Indian Association of Medical Microbiologists** (Tamil Nadu & Pondicherry Chapter), Chennai, 2007.

28. **XI Annual Conference of Indian association of biomedical scientists**  
(Mumbai / 1990)
29. **XIV National Congress of Indian association of medical microbiologists** (Christian Medical College & Hospital –Vellore / 1990)
30. **XIII NATIONAL CONGRESS of Indian association of medical microbiologists** (Jaipur/ 1989).

### **Workshops Attended**

1. Workshop on **“Lab Hematology “ peripheral blood film-A Hands on” on 31<sup>st</sup> October 2018** at Sree Balaji Dental College & Hospital, Chennai.
2. Workshop on **“ Hands on training on Conventional, antifungal susceptibility testing and molecular diagnosis of fungal infections”** at SRM Medical College Hospital & Research Centre on 27<sup>th</sup> October 2018.
3. Workshop on **“State of Art Museum Techniques and Plastinaion of specimens”** on 15<sup>th</sup> November 2017 at Sree Balaji Dental College & Hospital, Chennai.
4. Workshop on **“Human Bioethics”** conducted by Tagore Dental College & Hospital on 26<sup>th</sup> September 2017.
5. **“Intellectual property Rights and Innovations”** by Prof. Dr. Kantha Babu, Director, Centre for Intellectual property Right, Anna University, Chennai on 18<sup>th</sup> August 2017 at Sree Balaji Dental College & Hospital, Chennai.
6. Indian Dental Association –Madras Branch 9th CDE program on **“Awareness workshop & Stakeholder Consultation on Mercury Phasing out from Dental sector”** at Sree Balaji Dental College and Hospital on 8<sup>th</sup> September 2015
7. **Current regulatory requirements for members of Institutional ethics committee** – Participated in the awareness programme held on August 19 & 20, 2015 at Govt Kilpauk Medical College, Chennai organized by **CDSA**, an extramural unit of Translational Health science and Technology institute. Dept of Biotechnology (DBT), ministry of science and technology, Govt of India.
8. **Hands on Training in “Gene Expression Analysis by Real Time qPCR”**, May 2014 Frontier Lifeline Pvt., Ltd, Frontier Mediville, Elavur, Gummidipoondi.
9. Workshop on **“ Research Methodology and Biostatistics”** held at Sree Balaji Dental College & Hospital, Chennai in 2013.

10. **Hands on workshop**” in HLA Technique conducted by the **Department of Immunology/ (The Tamilnadu Dr.M.G.R. Medical University, Chennai/ 2010.**
11. **“Workshop on Patent Awareness”** conducted by the **University of Madras.** April/ 2009.
12. **“Microarray Technique”** conducted by the **Department of Immunology/ (The Tamilnadu Dr.M.G.R. Medical University, Chennai/ 2009.**
13. Under taken training in the area of **“PCR and related Techniques”** in the **Department of Animal Biotechnology, Madras Veterinary College,** Chennai from 22/03/2007 to 02/04/2007.
14. Completed one week training programme on **Sputum Smear Microscopy** organized by **ACT (Advocacy for Control of Tuberculosis) and Tuberculosis Research Centre, Chennai**

#### **Faculty Development Programme**

1. **“Research Methodology& Scientific article Preparation”** organized by Sree Balaji Dental College & Hospital, Chennai on 9th February 2016

#### **Seminars Attended**

1. **National Seminar on Emerging Infectious diseases: understanding the challenges”** on 4<sup>th</sup> February 2015 organized by the Dept of Microbiology, Dr. ALM PG IBMS at University of Madras, Chennai.
2. **International Seminar on “New Insights in the Management of Antibiotic Resistance”** organized by the Dept of Microbiology, Dr. ALM PG IBMS, **University of Madras,** held at **Triple Helix Auditorium, CLRI, Chennai/ 2009.**
3. **National Seminar on “Recent Trends in Laboratory Diagnosis of Bacterial Infections”** organized by the Department of Microbiology, University of Madras, Chennai. March/ 2007.

#### **Symposium Attended**

1. Attended the symposium on **“Role of research in clinical Practice”** organized by the Dept of Epidemiology, Sree Balaji Dental College & Hospital, Chennai held on 10th march, 2017.
2. International symposium on **“Endodontic Microbiology- An academic Review”** organized by the Department of Conservative Dentistry and Endodontics, held on 11<sup>th</sup> July 2016 at Sree Balaji Dental College & Hospital, Chennai
3. **International Symposium on “Changing etiology of emerging infectious diseases (CEEID-2013)”** organized by the Dept of Microbiology, Dr. ALM PG IBMS, **University of Madras** held at **Triple Helix Auditorium, CLRI, Chennai/ 2013.**



4. Webcast on “ **Ethics in Scientific Article Submission & Publishing**” (11<sup>th</sup> July 2012, Dublin)
5. Webcast on “ **Charting a course for a successful Research Career**” (11<sup>th</sup> July 2012, Dublin)
6. **International Science Symposium on HIV & Infectious Diseases** organized by YRG CARE, Chennai, January 2012.
7. **Symposium on “Recent Trends in Opportunistic Mycotic Infections”** organized by Department of Microbiology, University of Madras, Chennai. February/ 2011.
8. “**Bioethics symposium**” Organized by **YRG CARE** in collaboration with **National Institute of Epidemiology, ICMR**, Chennai, 2011.
9. **Second Annual Science symposium on HIV/AIDS 2009 (HIV Science 2009)** organized by **YRG CARE**, Chennai/ 2009.
10. **CMC – NIV Symposium/Continuing Medical Education** organized by theDepartment of Microbiology, **Christian Medical College & Hospital**, Vellore. March/ 2008.
11. **Symposium on Recent Advances in Emerging Infectious Diseases** organized by theDepartment of Microbiology, **Madras Medical College**, Chennai. February/ 2008.
12. **INDO-UK Symposium on Updates in Viral Hepatitis** organized by theDepartment of Microbiology, **University of Madras**, Chennai. January/ 1990.

#### **CDE / CME Program Attended**

1. CDE program on “**Biologics of oral cancer**” at Sree Balaji Dental College and Hospital on 25<sup>th</sup> August 2016..
2. CME on “**Emerging Respiratory Infections**” held on July 29th 2016 Organised by the Department of Microbiology, Sree Balaji Dental College and Hospital in association with Indian association of Medical Microbiologists- Tamil Nadu chapter.
3. CME on “**HIV – A Continuing Saga: Current Management &Upcoming Challenges**” organized by Institute of Microbiology, Madras Medical College & RGGGH., Chennai on 6<sup>th</sup> January 2016.
4. **III CME on CARDIOMYOPATHY** May 2014 Frontier Lifeline Pvt., Ltd, Frontier Mediville, Elavur, Gummidipoondi on 14<sup>th</sup> August 2014.
5. **CME on “Device Associated Infections- A Clinicomicrobiological Update”** organized by Institute of Microbiology, Madras Medical College & RGGGH and The Tamilnadu Dr. M.G.R. Medical University, Chennai on 14th August 2014.
6. CME on “**Mycobacterial infections & antimicrobials**” organized by Sri Manakula Vinayagar Medical College & Hospital, Puduchery on 3<sup>rd</sup> August 2013

7. CME on “An update on Antimicrobial Agents & Control of Resistance” organized by Sri Manakula Vinayagar Medical College & Hospital and IAMM- Puducherry chapter, Puducherry on 25<sup>th</sup> May 2013
8. CME on “ **Tuberculosis- An Enigma**” held on 20<sup>th</sup> July 2013 at Sri Ramachandra University , Chennai.
9. **Oral Cancer- Rays of Hope**, Dept of Oral Pathology, SRM Dental College, Kattankulathur, Chennai, 21<sup>st</sup> June 2013
10. “**Rabies update 2012**” held at **SRM Medical College Hospital & Research Centre**, Kattankulathur, Chennai, 2012.
11. “**Nanotechnology- ODE to the future of Dentistry**” held at Sree Balaji Dental College and Hospital. **Bharath University**, Chennai, 12<sup>th</sup> April 2012.
12. **Indian Association of Medical Microbiologists Puducherry Chapter. Regional CME programme on “Clinical Microbiology- an Update”** held at Sri Lakshmi Narayana Institute of Medical Sciences, Puducherry, 21<sup>st</sup> March, 2012.
13. **CME on Invisible Invaders of Meninges** organized by the Department of Microbiology, **Sree Balaji Medical College & Hospital**, Chennai. December/ 2007.

### **PROJECTS WORKED**

1. Quantitation of interleukin 1 $\beta$  in leprosy patients- **ICMR project.**
2. Quantitation of interleukin 2 in leprosy patients- **ICMR project.**
  - Have **guided** many **MDS students** (Sree Balaji Dental College & Hospital, The Tamilnadu Government Dental college & Hospital & Ragas Dental college & Hospital) **dissertations of various dental departments** (Department of Oral pathology and Microbiology, Department of Conservative Dentistry & Endodontics, Department of Periodontics & Oral Implantology, Department of Paedodontics & Preventive Dentistry, Department of Prostodontics and Department of Orthodontics & Dentofacial Orthopedics)

### **DECLARATION**

I hereby declare that all the above-mentioned information is true to my knowledge.

Place: Chennai, India.

Date: 23.01.2025

Your's faithfully,



(**K. Mahalakshmi**)