

Dr. Kesavaram Padmavathy, Ph.D.,

Specialization: Medical Microbiology

Designation:

Professor, Department of Microbiology,
Co-Director, Research Laboratory for Oral-Systemic Health,

Affiliation:

Sree Balaji Dental College and Hospital, Pallikaranai, Chennai-600 100.

Bharath Institute of Higher Education & Research (BIHER), Chennai

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EDUCATION:

Degree	Name of the Institution	University	Year & Month of Passing	Speciality	Class
B.Sc	Auxilium College, Vellore.	University of Madras	April 1996	Zoology	Distinction -University FIRST RANK
M.Sc	Christian Medical College & Hospital, Vellore.	The Tamil Nadu Dr. M.G.R. Medical University	April 1999	Medical Microbiology	FIRST Class
M.Phil	Bharathidasan University	Bharathidasan University	April 2006	Microbiology	FIRST Class
Ph.D	Dr.ALM PG IBMS, Chennai.	University of Madras Full Time – Stipend- ICMR- Exam cleared)	March 2012	Medical Microbiology	Highly Commendable

TEACHING EXPERIENCE – UG: 21; YEARS, PG: 10 YEARS.

Position	Name of Institution	From	To
Lecturer	Auxilium College, Vellore.	02.08.1999	31.10.2000
Lecturer	Auxilium College, Vellore.	16.07.2001	27.03.2002
Lecturer	Dr. M.G.R. Janaki College, Chennai.	12.06.2002	31.12.2006
Senior Lecturer	Sree Balaji Dental College & Hospital, Chennai.	18.06.2010	28.11.2012
Assistant Professor	Sree Balaji Dental College & Hospital, Chennai.	29.11.2012	28.11.2014
Associate Professor	Sree Balaji Dental College & Hospital, Chennai.	29.11.2014	28.11.2018
Professor	Sree Balaji Dental College & Hospital, Chennai.	29.11.2018	Till Date
Guest Faculty	Dr. ALM PG IBMS, University of Madras, Chennai.	Jan 2023	Till Date

RESEARCH EXPERIENCE – 13 YEARS.

Research Supervisor: Ph.D (BIHER) (Guideship No : RS078):

No of scholars awarded Ph. D: Four.

No of scholars currently pursuing Ph. D: Eight.

Ph. D Thesis evaluator / External examiner/ Subject Expert:

Dr. ALM PGIBMS (University of Madras), VIT (Vellore), Saveetha University (SIMATS)

Member Secretary- Institutional Review Board,

Sree Balaji Dental College & Hospital, BIHER, Chennai.

Scientific Member –Institute Ethics Committee (Biomedical Research)

Sree Balaji Dental College & Hospital, BIHER, Chennai.

Member Secretary- Biosafety Committee–

Sree Balaji Dental College & Hospital, BIHER, Chennai.

Member of the Board of Studies -Allied Health Sciences, MAHER, Chennai.

LIFE MEMBER: Indian Association of Bio Medical Scientists. (L.M. No: 1116/2013)

Executive Committee Member: Microbiology Alumni Association, University of Madras.

AWARDS & OUTSTANDING ACHEIVEMENTS:

- ❖ **University first rank**, University of Madras, **1996**.
 - ❖ Was awarded the **National Merit scholarship for Higher education – (1996- 1999)**
 - ❖ Was awarded the **Junior Research Fellowship** by **Indian Council of Medical Research (ICMR)** in **2006**.
 - ❖ Was awarded the **Senior Research Fellow** by **ICMR** on **30th March 2009**.
 - ❖ Won the **Second prize** for the research paper entitled “Occurrence of fluoroquinolone resistance among ESBL and/or AmpC producing uropathogenic *Escherichia coli*” in the **International seminar – New insights in the Management of Antibiotic Resistance (NISMAR)** held at CLRI, Chennai in **2009**.
 - ❖ Won the **Mellinda and Bill Gates foundation - Young Investigator Award in South East Asia and India**” In the International Conference on Infectious Diseases organised by **the International Society for Infectious Diseases**, held on **2nd- 4th March, 2016**.
 - ❖ Received the “**Innovative Researcher (Microbiology) & Dedicated Academician Award (2018)**” Innovative Scientific Research Professional Malaysia & The Society of Innovative Educationalist & Scientific Research Professional, India.
 - ❖ Received the “**Innovative & Dedicated Researcher (Medical Microbiology) Award (2020)**” Innovative Scientific Research Professional Malaysia & The Society of Innovative Educationalist & Scientific Research Professional, India.
 - ❖ “**Research Excellence Award - 2021** awarded by Institute of Scholars, registered under Ministry of MSME, Government of India, certified institute by International Accurate Certifications, Accredited by UASL”
 - ❖ “**Hendro Kusnoto Award APO Trends**”-2024 awarded by 14th Asia Pacific Orthodontic Congress on 5th December 2024 held at Taiwan, Japan.
 - ❖ “**Merit Award for the Best Research poster**”-2025 awarded in the International conference on Emerging and Reemerging Infectious Diseases organised by Infectious Disease society of India on 12th - 13th February 2025 held at CSIR complex, India.
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RESEARCH AREA: Title of the Thesis of the Research Degrees:

Degree	Subject
M. Phil (MICROBIOLOGY)	“Assessment of immunomodulatory activity of <i>Euphorbia hirta</i> (garden spurge) and <i>Eleusine coracana</i> (ragi)”
Ph. D (MICROBIOLOGY) (FACULTY OF MEDICINE)	“Phenotypic and genotypic characterization of <i>Escherichia coli</i> causing Urinary Tract Infection among HIV and Non-HIV patients in Chennai, South India”

CURRENT RESEARCH AREAS:

Infectious Diseases – Oral microbiology- Antimicrobial resistance.

Research Grants received:

1. “Development of Grape seed Proanthocyanidin and Banana Flower extract as potential therapeutic agents for Gastric Cancer” under the Category of Medical Sciences was approved by the Tamil Nadu State Council for Science & Technology, Government of Tamil Nadu, TNSCST Approval No: C. No. TNSCST/STP/MS/02/VR/2018-2019/9258 dated 04/11/2019. Grant of Rupees 3.9 lakhs for a period of 2 years.
2. “*Oral Mycobiome in Oral Squamous cell carcinoma, potentially malignant disorders and health*” Funded by BIHER-RDF, Rs. 1 Lakh, Ref No: BIHER/RDF/2023/BRDF/23015, Dated 3rd Nov 2023- 1 year.
3. “*Association of oncogenic viruses and bacteria in Oral Squamous cell carcinoma, and potentially malignant disorders*” Funded by BIHER-RDF, Rs. 1 Lakh, Ref No: BIHERB/RDF/2025/1008, Dated 3rd June 2025- 1 year.

Ongoing Research:

1. *Oral Mycobiome in Oral Squamous cell carcinoma, potentially malignant disorders and health.*
2. *Association of oncogenic viruses and bacteria in Oral Squamous cell carcinoma, and potentially malignant disorders.*
3. *Anticancer potential of proanthocyanidins against Helicobacter pylori associated gastric cancer.*
4. *Molecular epidemiology of nasal carriage of Staphylococcus species with special reference to Coagulase negative Staphylococci.*

Completed Research projects:

1. *Study on the effect of oral microflora on metal ion release and subsequent genotoxicity of orthodontic patients.*
2. *Molecular characterization of resistance & Virulence determinants of Staphylococcus species in colonization and disease.*
3. *Molecular characterization of ESBL & AmpC mediated resistance among Uropathogenic Escherichia coli.*
4. *Phytochemical investigation and molecular docking studies on traditional medicinal plant extracts for antimicrobial activity against clinical pathogens.*
5. *Molecular studies on resistance and virulence determinants among clinical isolates of Enterococcus species.*
6. *Molecular studies on resistance and virulence determinants among clinical isolates of Salmonella serotypes.*
7. *Comparative Molecular Epidemiology of Environmental and Human Clinical Isolates of Enterococcus Species.*

REVIEWER OF JOURNALS:

1. Microbial Drug Resistance.
2. Canadian Journal of Infectious Disease and Medical Microbiology/
3. BMC Oral Health.
4. BMC Microbiology.
5. American journal of Immunology.
6. International Journal of Antimicrobial Agents.
7. Journal of Applied Bioinformatics & Computational Biology.

Member of the Editorial Board:

1. International Journal of Pharmaceutical Chemistry & Analysis.

No of Patents Published (India): 1**Training & Certification:**

HIV Testing and Counselling Training (HTCT) conducted by the Centre for Infectious Diseases, Saveetha Dental College & Hospitals, Saveetha Institute of Medical and Technical Sciences (SIMATS), Chennai-600077 on 2nd & 3rd November 2023.

PUBLICATIONS – Dr. Kesavaram Padmavathy:

1. Kandasamy Murugan, **Kesavaram Padmavathy***, Philips Mathew, Nalini Aswath, Neil Ananth, T Saravanan. Real time detection and association of *Helicobacter pylori* in oral squamous cell carcinoma. *Journal of Indian Academy of Oral Medicine & Radiology*. 2025; 37:176-80. (Indexed in Scopus, Impact factor 0.4)
2. Vaibava Keerthana, A. Arif Yezdani, M. S. Kannan, **Kesavaram Padmavathy***. Correlation of Body Mass Index with Serum Osteocalcin and Insulin-Like Growth Factor Binding Protein-3 in the Assessment of Pubertal Growth Spurt. *Indian J Dental Res*. 2025; 36:49-53. (Indexed in Scopus, Impact factor 0.4)
3. Mariachelliah Singarayan JaishLal, **Kesavaram Padmavathy***, Jayesh S. Raghavendra, Raj Sulmuna, Bhaskaran Sathyapriya. Effect of Tobacco on Unstimulated Salivary pH and Flow Rate. *Pesquisa Brasileira em Odontopediatria e Clínica Integrada* 2025; 25:e220118 (Indexed in Scopus, Impact factor 0.6).
4. Sindhuja Lakshmi, **Kesavaram Padmavathy***, Govindaraj Jayamathi, Dhandapani Prabu, Bhaskaran Sathyapriya. Phytochemical analysis and antioxidant potential of methanol extract of Banana blossom. *Research Journal of Pharmacy and Technology*. 2024; 17(8): 3587-3792. (Indexed in Scopus, Impact factor 0.27).
5. Ramachandiran Ramamoorthi, Kesavaram Padmavathy, Alexander Kiruthiga, Jebadass Jasmine Vinshia. Coagulase-negative staphylococci – Contaminants / opportunistic pathogens? *African Journal of Biological Sciences*. 2024; 6(5), 9937-9950.
6. A. Arif Yezdani, Kishore Kumar, **Kesavaram Padmavathy**. Insulin-like Growth factor-1 and Insulin-like Growth Factor Binding Protein-3 – Biomarkers for skeletal maturity assessment in Class II malocclusion. *Pesquisa brasileira em odontopediatria e clínica integrada*. 2024; 24:e230146 (Indexed in Scopus, Impact factor 0.6).
7. Jebadass jasmine Vinshia, **Kesavaram Padmavathy**, Baskaran Sathyapriya. Comparison of the VITEK® 2 System with conventional methods for species identification and antimicrobial susceptibility pattern of staphylococcal carrier isolates. *International Research Journal of Multidisciplinary Scope (IRJMS)*, 2024; 5(2): 940-948 (Indexed in Scopus, Impact factor 0.053).

8. Ramachandiran Ramamoorthi, **Kesavaram Padmavathy**, Jebadass Jasmine Vinshia. Antibiotic susceptibility patterns of *Staphylococcus aureus* and coagulase-negative staphylococci in dental professionals. *Journal of Chemical Health Risks*. JCHR 2024; 14(3), 935-941. (Indexed in Scopus).
9. Mariachelliah Singarayan JaishLal, **Kesavaram Padmavathy***, Dinakar J, Mamtha Roshni AR, Mithra Swornappan. Histopathological diagnostic challenges of oral clear cell lesions—a comprehensive review. *Rom J Diabetes Nutr Metab Dis*. 2024; Volume 31(1):942-959 (Indexed in scopus, Impact factor 0.15).
10. Kandasamy Murugan, **Kesavaram Padmavathy***, Janardhanam Dineshshankar, Saravana Bharathi. Ameloblastic carcinoma in a young adult male patient – A case report. *J Pharm Bioall Sci* 2024;16:S1867-70 (Indexed in PubMed, Impact factor 0.7).
11. Sindhuja Lakshmi, **Kesavaram Padmavathy***, Thirunavukarasu UmaArasu, Dhandapani Prabu. Phytochemical profiling and antioxidant potential of methanol extract of *Vitis vinifera* L seeds. *Chulalongkorn Medical Journal*, 2024;68(4):299-305.
12. Kandasamy Murugan, **Kesavaram Padmavathy***, Nalini Aswath, Lavanya Mallika. Taciturn role of oral microbiome in oral squamous cell carcinoma: The hidden truth -A systematic review. *Journal of Indian Academy of Oral Medicine & Radiology*. 2023, 35; 599-604. (Indexed in Scopus, Impact factor 1.3)
13. Mariachelliah Singarayan JaishLal, **Kesavaram Padmavathy***, Jayesh S Raghavendra, Goma Kumar K.U, Abilasha. JV, Sahaya Reena. Age estimation using canine pupal area in adults: A CBCT image analysis in South Tamil Nadu population- A Pilot study. *Community practitioner*. 2023; 20(12): 482-490. (Indexed in Scopus, Impact factor 0.1)
14. Jebadass jasmine Vinshia, **Kesavaram Padmavathy**, Baskaran Sathyapriya. Comparison of the VITEK® 2 System with conventional methods for species identification and antimicrobial susceptibility pattern of staphylococcal carrier isolates. *International Research Journal of Multidisciplinary Scope (IRJMS)*, 2024; 5(2): 940-948 (Indexed in Scopus, Impact factor 0.053).
15. JV Jebadass, **Kesavaram Padmavathy**, J Sudha, B Sathyapriya. Antibiotic resistance and staphylococcal super antigenic determinants in Methicillin resistant *Staphylococcus aureus*

isolated from the anterior nares of dental students. Journal of Applied Pharmaceutical Research 2023, 11(5), 52-58. (Indexed in Scopus)

16. JV Jebadass, **Kesavaram Padmavathy**, B Sathyapriya, J Sudha. Prevalence of Methicillin Resistant *Staphylococcus aureus* and its *SCC mec* type among dental students in a private dental College in Chennai. Journal of Applied Pharmaceutical Research 2023, 11(4):19-26. (Indexed in Scopus).
17. Arif Yezdani, S. Kishore Kumar, **Kesavaram Padmavathy**. Serum osteocalcin – A biochemical marker for pubertal growth assessment. APOS Trends in Orthodontics.2023,34:30-35. (Indexed in Web of Science).
18. A. Arif Yezdani, Kishore Kumar, **Kesavaram Padmavathy**. Magnetic resonance imaging assessment of articular disc position in temporomandibular disorder subjects with various bite registrations. Indian J Dental Res. 2023;13:133-139 (Indexed in Scopus, Impact factor: 1.088).
19. Arif Yezdani, S. Kishore Kumar, **Kesavaram Padmavathy**. Estimation of serum Parathyroid Hormone related Protein in the assessment of pubertal growth spurt in skeletal Class II malocclusion subjects. Biomed Pharmacol J. 2023: 13(1):27-31. (Scopus indexed).
20. Judith MJ, Aswath N, **Kesavaram Padmavathy**. Microbiota of dental abscess and their susceptibility to empirical antibiotic therapy. Contemporary Clinical Dentistry. 2022, 13(4):369-374. DOI: 10.4103/ccd.ccd_782_21 (Indexed in PubMed, Scopus).
21. Jimson Sudha, Amaladas Julius, Samson Jimson, **Kesavaram Padmavathy***. Serum lactate dehydrogenase in the prognostic assessment of patients with Oral Squamous cell carcinoma. Indian J Dental Res. 2022; 33: 164-168. (Indexed in Scopus, Impact factor: 1.088).
22. Jayamathi Govindaraj, Keerthidaa Govindaraj, Vidya Rekha Umapathy, Swamikannu Bhuminathan, Sindhuja Lakshmi, **Kesavaram Padmavathy***. A review on the therapeutic potential of Banana flower. Bioinformation 2022; 18(4): 349-353 (Indexed in PubMed, Web of Science).

23. Jasmine Vinshia Jebadass, **Kesavaram Padmavathy***, Jeevan Malaiyan, Sumathi Gnanadesikan. Antibiotic resistance pattern of *Staphylococcus aureus* causing Skin and Soft tissue infections. International Journal of Life Sciences & Pharma Research. Dec 2021:SP7; 24-27. (Indexed in Web of Science).
24. Sindhuja Lakshmi, Govindaraj Jayamathi, **Kesavaram Padmavathy***, Jayesh S Raghavendra, Prabu Dhandapani. Phytochemical analysis of methanol extract of grape seed- *Vitis vinifera* L. International Journal of Life Sciences & Pharma Research. Dec 2021:SP9; 32-38. (Published-Indexed in Web of Science).
25. Mariachelliah Singarayan JaishLal, **Kesavaram Padmavathy***, Jayesh S Raghavendra, Raj Sulmuna. Compound odontoma with multiple denticles in the anterior mandible – A rare case. International Journal of Life Sciences & Pharma Research. Dec 2021: SP8; 28-31. (Published-Indexed in Web of Science).
26. Bhaskaran Sathyapriya, Jayesh S Raghavendra, Swamikannu Bhuminathan, **Kesavaram Padmavathy**, Adugula Chandrakala, Arun Shriram, Shreevithya D. Carotid Sinus Syndrome and Hypersensitivity – A Frequent Cause of Syncope, Journal of Angiotherapy, 2021;5:2.
27. Bhaskaran Sathyapriya, Jayesh S Raghavendra, Swamikannu Bhuminathan, Adugula Chandrakala , **Kesavaram Padmavathy** , Bharathwaj D K , Indhumathi Krishnaswamy. Anti Inflammatory Activity of *Mangifera indica* Peel – *In Vitro* Study Journal of Angiotherapy 2021;5(2), xx-xx.
28. Jayamathi Govindaraj, Keerthidaa Govindaraj, S.Bhuminathan, **Kesavaram Padmavathy** Vidyarekha U, Kannan N, Yogarajan R. Clinical Applications of Microalbuminuria. Journal of Angiotherapy 5 (2) xx-xx. <https://doi.org/10.25163/angiotherapy.52221492618181221>.
29. Keerthidaa Govindaraj, Jayamathi Govindaraj*, S.Bhuminathan, Vidyarekha U and **Kesavaram Padmavathy**, Gowtham S, Nivetha V. Evaluation of Resistin Levels in Gingival Crevicular Fluid in Diabetic Patients with And without Chronic Periodontitis. Journal of Angiotherapy 5 (2) xx-xx <https://doi.org/10.25163/angiotherapy.52221502618181221>.

30. Rajan Prabhurajan, R. Mary Esther Selvan, **Kesavaram Padmavathy***. Unusual antibiotic resistance pattern among blood culture isolates of *Salmonella Paratyphi* A. Journal of Infection in Developing Countries. 2021, 15(4): 579-583. (Pubmed & Scopus indexed, Impact Factor: 1.353).
31. A Subbiya, K Gayathri, A Venkatesh, **K. Padmavathy**, K Mahalakshmi, S. 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 2021: 22(2):129-133.
32. J Govindaraj, K Govindaraj, SR Jayesh, **Kesavaram Padmavathy**, M Ramalingam. U Vidyarekha. Role of adipokines in obesity and obesity related metabolic disorders. Research Journal of Pharmacy and Technology. 2021:14 (8), 4261-4264.
33. R Jayesh, VU Mathangi, J Govindaraj, K Govindaraj, **Kesavaram Padmavathy**. Review On Lysosomal Enzymes. European Journal of Molecular & Clinical Medicine. 2020:7(8): 1688-1692.
34. R Jayesh, U Vidyarekha, J Govindaraj, K Govindaraj, **Kesavaram Padmavathy**. Proanthocyanidins (PC)-A Novel Approach. European Journal of Molecular & Clinical Medicine. 2020:7 (8): 1693-1697.
35. Arunajatesan Subbiya, Niranjani Madan, Vanilarasu Thirumalai, Krishnan Mahalakshmi, **Kesavaram Padmavathy**, Suresh Mitthra. Evaluation of Irrigant-Intracanal Medicament Regimen Against *Enterococcus Faecalis* Biofilm Count. European Journal of Molecular & Clinical Medicine. 2020: 7(5): 1219-1224
36. Rajan Prabhurajan, R. Mary Esther Selvan, **Kesavaram Padmavathy**. Lower incidence of multi-drug resistant *Salmonella Typhi* in blood cultures of pediatric patients with typhoid fever in South India. Drug Invention Today. 2020:14(6):986-988.
37. Alexander Kiruthiga, **Kesavaram Padmavathy**. Mechanisms of intrinsic antibiotic resistance in enterococci. Drug Invention Today. 2020:13(6): 896-902.
38. A. Subbiya, K. Roopchander, K. Mahalakshmi, **Kesavaram Padmavathy**, P. Vivekanandan. 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 (Impact factor 1.55).

39. Rajan Prabhurajan, **Kesavaram Padmavathy**, R. Mary Esther Selvan, Govindaraj Jayamathi. Antibacterial efficacy of methanol extract of mango kernel against blood culture isolates of *Salmonella Typhi*. Drug Invention Today. 2020;14(5):765-768.
40. Alexander Kiruthiga, **Kesavaram Padmavathy**, Praveen Shabana, Sumathi Gnanadesikan, Jeevan Malaiyan. Improved detection of *esp*, *hyl*, *asaI*, *gelE*, *cylA* virulence genes among clinical isolates of Enterococci. BMC Research Notes. March 2020: 13(1):1-7. DOI: 10.1186/s13104-020-05018-0.(Pubmed & scopus indexed: Impact factor: 1.353)
41. A. Arif Yezdani, S. Kishore Kumar, **Kesavaram Padmavathy**. Gingival crevicular fluid biomarkers and orthodontic tooth movement. Journal of Critical reviews. 2020: 7 (14): 3746-3740.
42. Alexander Kiruthiga, **Kesavaram Padmavathy***, Praveen Shabana, Sumathi Gnanadesikan, Jeevan Malaiyan. Higher Incidence of Pristinamycin Resistance among *Enterococcus faecium* with iMLSB/cMLSB Phenotype. *Biomed Pharmacol J*. 2019: 13(1):27-31. (Scopus indexed).
43. Alexander Kiruthiga, **Kesavaram Padmavathy***, Praveen Shabana, Sumathi Gnanadesikan, Jeevan Malaiyan, T. Shobha. Fosfomycin Susceptibility among Urinary *Enterococcus faecalis* with High Level Aminoglycoside and Glycopeptide Resistant Phenotypes. Indian Journal of Public Health Research & Development. 2019: 10 (12): 970-974.
44. Bhaskaran Sathyapriya, Govindarajan Sumathy, Balasubramanian Chandrakala, Jinu Merlin Koshy, Jayamathi Govindaraj, **Kesavaram Padmavathy**. Xylene—A Potential Health Hazard—A Review. *Indian Journal of Public Health Research & Development*. 2019: 10(12): 2251-2255.
45. Govindarajan Sumathy, Bhaskaran Sathyapriya, Balasubramanian Chandrakala, Jinu Merlin Koshy, Jayamathi Govindaraj, **Kesavaram Padmavathy**. Occupational Hazards of Xylene and its Preventive Measures. *Indian Journal of Public Health Research & Development*. 2019: 10(12): 2260-2264.

46. **Kesavaram Padmavathy**, K. Vijaya Ramesh. Immunomodulatory and Mast Cell Stabilizing Potential of Ethanol Extract of *Eleusine coracana* L. *Indian Journal of Public Health Research & Development*. 2019: 10(12): 980-984.
47. **Kesavaram Padmavathy**, Raja Shanmuga Krishnan, Krishnan Padma, Bhaskaran Sathyapriya. Nasal Colonization of Methicillin Resistant *Staphylococcus aureus* and its Plausible association with Infected Foot Ulcers in Diabetic Patients. *Indian Journal of Public Health Research & Development*. 2019: 10 (12): 2271-2275.
48. Mariachelliah Singarayan Jaish Lal, Sathiasekar Anisha Cynthia, Mathew Deepu George, Ramachandran Krishnammal Leema, **Kesavaram Padmavathy**, Kangasabapathy Usha Gomakumar. Localized Toxicity in Patients with Fixed Orthodontic Appliance: A Case Control Study. *Indian Journal of Public Health Research & Development*. 2019: 10 (12): 989-994.
49. Alexander Kiruthiga, **Kesavaram Padmavathy**, Praveen Shabana, Sumathi Gnanadesikan, Jeevan Malaiyan. High Level Aminoglycoside resistance in clinical isolates of *Enterococci*. *Indian Journal of Public Health Research & Development*. 2019: 10 (11): 2938-2941.
50. T. Umaarasu, **Kesavaram Padmavathy**, Dharmalingam Thirunavukkarasu, Rajesh SV, G. Jayamathi, Gnanendra Shanmugam. Phytochemical Investigation and Antimicrobial Activity of Root Extracts of *Withania Somnifera* (L.) Dunal. against Drug Resistant Bacterial Pathogens. *Indian Journal of Public Health Research & Development*. 2019: 10 (12): 2265-2270.
51. A. Arif Yezdani, S. Kishore Kumar, **Kesavaram Padmavathy**. Insulin Like Growth Factor-1—A Skeletal Maturity Indicator—A Review. *Indian Journal of Public Health Research & Development*. 2019: 10 (12): 2411-2415.
52. A. Arif Yezdani, Prashanth Sreenivasan, R. Padmavati, S. Kishore Kumar, **Kesavaram Padmavathy**. Class II Skeletal Jaw Discrepancy Correction with Herbst Appliance. *Indian Journal of Public Health Research & Development*. 2019: 10 (12): 2399-2406.
53. A. Arif Yezdani, Priya Chatterjee, S. Kishore Kumar, **Kesavaram Padmavathy**. Correction of Class II Skeletal Malocclusion with an Infra-Zygomatic Crest Bone Screw

Approach. Indian Journal of Public Health Research & Development. 2019; 10 (12): 2386-2391.

54. A. Arif Yezdani, S. Kishore Kumar, **Kesavaram Padmavathy**. Validity and Reliability of Assessment of Cervical Vertebrae on Lateral Cephalograms—A Review. Indian Journal of Public Health Research & Development. 2019; 10 (12): 2219-2223.
55. Jayamathi Govindaraj, Keerthida Govindaraj, Vidhyarekha U, **Kesavaram Padmavathy**. A review on on Visfatin/Nicotinamide phosphoribosyl transferase / Pre –B cell colony enhancing factor. *Indian Journal of Public Health Research & Development*. 2019; 10 (11):2803-5.
56. Govindarajan Sumathy, Bhaskaran Sathyapriya, Balasubramanian Chandrakala, Jinu Merlin Koshy, Jayamathi Govindaraj, **Kesavaram Padmavathy**. Occupational Hazards of Xylene and its Preventive Measures. *Indian Journal of Public Health Research & Development*. 2019; 10 (12): 2260-2264.
57. Jayamathi Govindaraj, Keerthida Govindaraj, Raghavendra Jayesh, **Kesavaram Padmavathy**, Vidhyarekha U. Role of free radicals in cellular signaling - A review. *Indian Journal of Public Health Research & Development*. 2019; 10 (11): 2799-2.
58. Jimson Sudha, Amaladas Julius, Samson Jimson, **Kesavaram Padmavathy**. Inverse correlation of serum lactate dehydrogenase and hemoglobin levels in patients with Oral Sub-Mucous Fibrosis. *Biomed Pharmacol J*. 2019. 12(4): 1755-9. (Scopus indexed).
59. Subbiya A, Thirumalai V, Geethapriya N, **Padmavathy K**, Mahalakshmi K. Time-dependent Evaluation of the pH of Three Different Sealers. *J Oper Dent Endod* 2019; 4 (1):19-21.
60. Jayamathi Govindaraj, Keerthida Govindaraj, Vidhyarekha U, **Kesavaram Padmavathy** “Anti-inflammatory effect of proanthocyanidins in experimental periodontitis in rats” *Research Journal of Pharmacy and Technology*. 2019;12(10):4747-4751.
61. T. Umaarasu, **Kesavaram Padmavathy**, Dharmalingam Thirunavukkarasu, Rajesh SV, G. Jayamathi, Gnanendra Shanmugam. Evaluation of the antimicrobial efficacy and phytochemical constituents of the extracts of *Andrographis paniculata* against drug resistant bacterial pathogens. *Drug Invention Today*. 2019; 11(10): 2485- 2489.

62. Y Rajachandrasekaran, M Valiathan, BG Jayaraman, K Mahalakshmi, **Kesavaram Padmavathy**. An Herbal Alternative to Control Nosocomial Pathogens in Aerosols and Splatter During Ultrasonic Scaling. *Pesquisa Brasileira em Odontopediatria e Clinica Integrada*. 2019, 19 (1), 4807. (Impact factor 0.6).
63. T. Umaarasu, **Kesavaram Padmavathy**, Dharmalingam Thirunavukkarasu, Rajesh SV, G. Jayamathi, Gnanendra Shanmugam. Evaluation of the antimicrobial activity and phytochemical investigation of the leaf extracts of *Ricinus communis* Linn. against drug resistant bacterial pathogens. *Drug Invention Today*. 2019; 11(8): 1299-1303. (Scopus indexed)
64. Rajan Prabhurajan, Rajasekharapanicker Kiran, **Kesavaram Padmavathy**. Extended Spectrum Beta-Lactamase producing *Salmonella* *Lindenber* gastroenteritis- A case report. *Journal of Infection in Developing Countries*. 2019, 13(9): 851-853. (Scopus indexed, Impact Factor: 1.35).
65. G. Jayamathi, G. Keerthida, R. Mathangi, **K Padmavathy**, G. Sumathy. 8 – Hydroxy Deoxyguanosine - A Potential Biomarker In Periodontitis. *Drug Invention Today*. 2019: 11(5), 1027-1032. (SCOPUS indexed)
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