

Malabar Medical College Hospital and Research Centre

DEPARTMENT OF MICROBIOLOGY

Total Publications: 56

Staff & Total Publications:

1. Dr. Shailaja T S – Professor & HoD : 15
2. Dr. Lancy Justus – Professor : 5
3. Dr. B Gulsiv Nair – Professor : 6
4. Dr. Rajeshwari V – Associate Professor : 12
5. Dr. Swetha Sivaraman – Assistant Professor : 4
6. Dr. Arya Ramachandran – Assistant Professor : 9
7. Dr. Dagny Vengilat – Assistant Professor : 3
8. Dr. Sharika Ramdas – Assistant Professor : 2

PUBLICATIONS

DR SHAILAJA T S

1. Shailaja TS, Aksa Merin Jose, Dinesh Kumar M. K., Megha V. V., Sasi M. P. Organism profile and antibiotic susceptibility pattern analysis of diabetic foot patients of a rural tertiary care hospital in South India. *Int J Curr Microbiol Appl Sci.* 2025;14(11):337-345. doi:10.20546/ijcmas.2025.1411.035.
2. Shailaja TS. Melioidosis—a commonly missed, not so uncommon disease. *J Clin Sci Res.* 2025. [Volume, issue and page numbers not verified.]
3. Shailaja TS, Swetha Sivaraman, Evelyn Sara Saji. A study of oral antimicrobial therapy for patients infected with ESBL producing uro-pathogens in a tertiary care hospital, North Kerala. *Indian J Appl Res.* 2024;14(12). doi:10.36106/ijar. [Page numbers not verified.]
4. Shailaja TS, A. Mohan Kumar, Rajan J. Payyappilly. Emerging trends in the antimicrobial resistance among uropathogens. *Indian J Microbiol Res.* 2018;5(1):47-51. doi:10.18231/2394-5478.2018.0009.
5. Shailaja TS, A. Mohan Kumar. Antimicrobial resistance among uropathogenic bacteria in rural Kerala, India. *Int J Curr Microbiol Appl Sci.* 2017;6(9):2287-2296. doi:10.20546/ijcmas.2017.609.280.
6. Shailaja TS, A. Mohan Kumar. Bacteriological profile of urinary tract infection in a tertiary care centre. *Indian J Microbiol Res.* 2017;4(3):323-327. doi:10.18231/2394-5478.2017.0072.

7. Shailaja TS, A. Mohan Kumar, Deepa Sankari, Arun R. S., Anusha A. M. Seroprevalence of hepatitis B and hepatitis C viral infections in Central Kerala. *Indian J Appl Res.* 2016;6(5):39-41. doi:10.15373/2249555X.
8. Shailaja TS, A. Mohan Kumar. Characterisation of *Burkholderia cepacia* complex isolates from clinical samples. *Indian J Appl Res.* 2016;6(4):675-677. doi:10.15373/2249555X.
9. Shailaja TS, A. Mohan Kumar. Epidemiology of *Burkholderia cepacia* complex infections in a tertiary care centre. *Int J Recent Trends Sci Technol.* 2016;18(3):405-408.
10. Shailaja TS, A. K. Baburajan, C. K. Shibu. Incidence, risk factors and microbiological profile of surgical site infections in cardiac surgery patients. *Int J Recent Trends Sci Technol.* 2016;18(2):1-4.
11. Shailaja TS, Sushitha S. Thayyil, Sathiyavathy K. Ambramoli. Acute brucellosis caused by *Brucella melitensis*: a case report. *J Acad Clin Microbiol.* 2013;15(2):66. doi:10.4103/0972-1282.124591.
12. Shailaja TS, K. A. Sathiyavathy, Govindan Unni. Infective endocarditis caused by *Granulicatella adiacens*. *Indian Heart J.* 2013;65(4):447-449. doi:10.1016/j.ihj.2013.06.014.
13. Shailaja TS, Kavitha R. Dinesh, P. M. Shamsul Karim. A case report on mycotic keratitis by *Curvularia lunata*. *J Acad Clin Microbiol.* 2008;10(1):29-32.
14. Shailaja TS, Girija K. R., Sudarsana S. A case report on meningitis caused by *Citrobacter koseri*. *J Acad Clin Microbiol.* 2003;5(1).
15. Shailaja TS, Anitha P. M. Management of neonatal meningitis: a continuing problem. *J Acad Clin Microbiol.* 2001;3(2).

DR LANCY JUSTUS

1. Lancy Justus, Anu Mary Antony, Radha K R. Bacteriological profile of asymptomatic bacteriuria among antenatal women in a tertiary care centre in Central Kerala. *Int J Med Sci Clin Res Rev.* 2024;7(2):324-334.
2. Lancy Justus, Vineeth Rajan, Ardhra Vijayan, Ambili Puthiyottu Methal, Gopalan Krishnan Sivaraman. Genotyping of *Acinetobacter baumannii* isolates from a tertiary care hospital in Cochin, South India. *Access Microbiol.* 2023;5(11):000662.v4. doi:10.1099/acmi.0.000662.v4.
3. Lancy Justus, Chris Mary Antony, Kiran Jose, Tanya Tony Mampilly, Vibi Varghese, Neethu John, Aswathy Varghese, Anu Mary Antony. Nocardiosis: case series in a tertiary care center in Central Kerala. *J Med Sci Clin Res.* 2020;8(11):572-577. doi:10.18535/jmscr/v8i11.99.
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5. Lancy Justus. Multidrug resistant Gram negative bacterial isolates from intensive care unit in a tertiary care centre in Kerala with special reference to molecular detection of blaNDM-1 gene. J Med Sci Clin Res. 2020;8(12). doi:10.18535/jmscr/v8i12.30.

DR B GULSIV NAIR

1. Gulsiv Nair, Mariya Biju, Angel Cham Philip. Microbial profile and antibiotic sensitivity pattern in urinary tract infections among children attending a tertiary care center, Idukki district, Kerala: a cross-sectional study. J Clin Diagn Res. 2024;18(2). doi:10.7860/JCDR/2024/64216.19034.
2. Gulsiv Nair, Kavitha R. Dinesh, P. M. Shamsul Karim. Microbiological characterization and antibiotic susceptibility pattern of Haemophilus influenzae isolates from a tertiary care centre in South India. J Pure Appl Microbiol. 2020;14(3):2105-2113. doi:10.22207/JPAM.14.3.51.
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4. Gulsiv Nair, M. Lakshminarayana, Lavanya Nagaraj, Naveen Kumar M, Thilak S. A. Urinary infections and Citrobacter: an unpleasant scenario. Int J Adv Community Med. 2020;3(1):249-253. doi:10.33545/comed.2020.v3.i1d.217.
5. Gulsiv Nair, Sadia Khan, Anil Kumar, Satyajit Kale, Nitin Kurkure, Kavitha Dinesh. Multiple cortical brain abscesses due to Listeria monocytogenes in an immunocompetent patient. Trop Doct. 2018;48(2):160-163. doi:10.1177/0049475517728670.
6. Gulsiv Nair, Anusha Gopinathan, Naveen Viswanath, Anil Kumar, Roopa Rachel Paulose, Kavitha Dinesh Radhakrishnan, Shamsul Karim. Congenital cystic adenomatoid malformation infected with Chromobacterium violaceum. Infect Dis Clin Pract. 2016;24(5):286-288. doi:10.1097/IPC.0000000000000341.

DR RAJESHWARI V

1. Rajeswari V., Mohammed Abdulhakim O. Bafaraj, Merin Mathew, Kiran Kumar Ganji, Samy Selim, Mohammed Yagoub Mohammed Elamir. Evaluating antimicrobial potential of ozonated water in preliminary trials: ozonated water's antimicrobial effect. Indian J Exp Biol. 2025;63(5):443-448. doi:10.56042/ijeb.v63i05.15119.
2. Rajeswari V., Thamizharasan Sampath. Helicobacter pylori: a stealthy carcinogen—the scientific story of cancer-causing bacterium. Paripex - Indian J Res. 2024;13(12):51-53. doi:10.36106/paripex.
3. Rajeswari V. MPOX as a new global threat: pathology, epidemiological trends, therapeutic and control strategies. Int J Sci Res. 2024;13(9):15-17.
4. Rajeswari V., Merin Mathew, Amal Alrayes, Maysam Al Blayhd, Shmoukh Alghumaiz, Sandhya A. Methal. Understanding dental clinical trainees' knowledge and attitudes

toward managing diabetic patients: insights from a university dental training center. *Cureus*. 2024;16(12). doi:10.7759/cureus.75112.

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6. Rajeswari V., Bhuvaneshwari Gunasekar, Selvakkumar Chinnasamy, Merin Mathew. Effect of (+) usnic acid on pigment production in bacteria. *J Pure Appl Microbiol.* 2022;16(2):891-900. doi:10.22207/JPAM.16.2.09.

BOOK CHAPTERS

7. Rajeswari V, Thamizharasan Sampath, Prakash Srinivasan Timiri Shanmugam, Ramya Kumaran. Hazardous material composition in medical devices. In: Timiri Shanmugam PS, editor. *Hazardous Chemicals in Medical Devices: Safety, Risk Analysis, and Regulations*. 1st ed. Academic Press, Elsevier; 2025. p.39-63. ISBN 978-0-443-34154-0.
8. Rajeswari V, Thamizharasan Sampath, Prakash Srinivasan Timiri Shanmugam, Sheena Vijayakumari Rajamony, Vinod P Bhalerao. Hazardous classifications and symbols in medical devices. In: Timiri Shanmugam PS, editor. *Hazardous Chemicals in Medical Devices: Safety, Risk Analysis, and Regulations*. 1st ed. Academic Press, Elsevier; 2025. p.99-121. ISBN 978-0-443-34154-0.
9. Rajeswari V, Thamizharasan Sampath, Prakash Srinivasan Timiri Shanmugam, Safura Fathima. Biological impact of hazards in medical devices. In: Timiri Shanmugam PS, editor. *Hazardous Chemicals in Medical Devices: Safety, Risk Analysis, and Regulations*. 1st ed. Academic Press, Elsevier; 2025. p.141-163. ISBN 978-0-443-34154-0.
10. Rajeswari V, Thamizharasan Sampath, Prakash Srinivasan Timiri Shanmugam, Suresh Kamsagara Ramakrishnappa. Regulatory requirements for risk management in medical devices. In: Timiri Shanmugam PS, editor. *Hazardous Chemicals in Medical Devices: Safety, Risk Analysis, and Regulations*. 1st ed. Academic Press, Elsevier; 2025. p.165-199. ISBN 978-0-443-34154-0.
11. Rajeswari V. Policy and practice in climate change and biodiversity conservation. In: *Emerging Diseases in an Era of Global Climate Changes: A Looming Threat*. Cambridge Scholars Publishing; 2024. ISBN 1-0364-1486-8
12. Rajeswari V. Policy and practice in climate change and biodiversity conservation. In: *Role of Climate Change in Emergence and Re-Emergence of Infectious Diseases*. Cambridge Scholars Publishing; 2024. ISBN 978-1-0364-1486-3. eBook ISBN 978-1-0364-1487-0.

DR SWETHA SIVARAMAN

1. Swetha Sivaraman, Evelyn Sara Saji, Shailaja. A study of oral antimicrobial therapy for patients infected with ESBL producing uro-pathogens in a tertiary care hospital, North Kerala. *Indian J Appl Res.* 2024;14(12). doi:10.36106/ijar.
2. Swetha Sivaraman. Clinico-microbiological profile of Gram-negative organisms causing sepsis in a tertiary care hospital, North Kerala. *Indian J Appl Res.* 2024;14(12). doi:10.36106/ijar.
3. Swetha Sivaraman, John JJ, John JM. Antibigram of MRSA isolated from blood cultures to streptogramins, glycopeptides, oxazolidinones and testing for MIC of vancomycin. *Int J Drug Deliv Technol.* 2026;16(57s):193-202. doi:10.25258/ijddt.16.57s.25.
4. Swetha Sivaraman, Ivy Viswamohanan, Ganga Raju Krishna, Ashish Jithendranath, Ramani Bai. Serological prevalence of scrub typhus among febrile patients from a tertiary care hospital in South Kerala. *J Acad Clin Microbiol.* 2020;22(1):41-43. doi:10.4103/jacm.jacm_5_20.

DR ARYA RAMACHANDRAN

1. Arya Ramachandran, Sruthi Haridas, Rajeevan K, Shailaja TS, Navya VS, Abhijeeth Anand Sreejith. The hidden culprit in skin: Basidiobolomycosis presenting as pyogranulomatous reaction. *Int J Med Sci Clin Res Rev.* 2025;8(6):1274-1278. doi:10.5281/zenodo.17548134.
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3. Arya Ramachandran, Ashwini M Ananda, Chakrakodi N Varun, Dhanya K, Avijit Roy, Reeta S Mani. A non-autochthonous human rabies case in the historically rabies-free Andaman and Nicobar Islands, India. *Diagn Microbiol Infect Dis.* 2025;111(3):116627. doi:10.1016/j.diagmicrobio.2024.116627.
4. Arya Ramachandran, Lonika Lodha, Ashwini M Ananda, Sathya Priya Manuel, Sujatha Valagere Sannaiah, Anita Mahadevan, Reeta S Mani. Evaluation of a rapid, chip-based, micro-PCR assay for detection of rabies virus in human and canine specimens. *J Med Virol.* 2023;95(9):e29110. doi:10.1002/jmv.29110.
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6. Arya Ramachandran, Anil Kumar, Aswin Prabhakaran, Sanju Sherji, Lalitha Biswas, Mohan Abraham, Raja Biswas. Dirofilarial adult worms can also dance. *Clin Microbiol Infect.* 2021;27(8):1118-1119. doi:10.1016/j.cmi.2020.11.024.

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8. Arya Ramachandran, Anil Kumar, Roopa Paulose, Shine Sadasivan, Chandan Bajad, Priya Nair. Sarcoidosis, steroids and Strongyloides—what's the catch? Clin Microbiol Infect. 2021;27(5):708-709. doi:10.1016/j.cmi.2020.09.012.
9. Arya Ramachandran, Anil Kumar, Dipu T Sathyapalan, Kiran Subhash, Lalitha Biswas, K V Beena. SARS-CoV-2 antibodies in healthcare workers in a large university hospital, Kerala, India. Clin Microbiol Infect. 2021;27(3):481-483. doi:10.1016/j.cmi.2020.09.013.

DR DAGNY VENGILAT

1. Dagny Hari Vengilat, Reena John, Prithi Nair K. Urinary tract infections—bacteriological profile and antibiotic sensitivity pattern in a tertiary care hospital. Indian J Appl Res. 2018;8(1). [Page numbers/DOI not identified in the journal record I found.] The January 2018 IJAR issue confirms the title, authors and volume/issue.
2. Dagny Hari Vengilat, Sanjay Bhattacharya, Ranganathan Iyer, Kavita Raja, Vinitha Mary Joy, Swapna R Bijulal, et al. A survey of practices to diagnose, manage, prevent and control COVID-19 from 28 centres. J Acad Clin Microbiol. 2020;22(1):5-11. doi:10.4103/jacm.jacm_21_20.
3. Dagny Hari Vengilat, Sherin A, PJ, PA, V DH. Prevalence of multidrug resistant organisms and their antimicrobial susceptibility pattern from urine samples of the patients in a tertiary care hospital, Wayanad. In: K S, B A, Sijila Janardhanan, editors. Breaking New Grounds in Antimicrobial Resistance. 2025. p.63-72.

DR SHARIKA RAMDAS

1. Sharika Ramdas, Asem Ali Ashraf, Vimal Kumar Karnaker, Sreelatha Shankaran Veetil, Sanjana Nair, Sudhir Rama Varma. A rare case of fungaemia due to Kodamaea ohmeri in a neonate. Online J Health Allied Sci. 2023;22(2):11. Published July 15, 2023.
2. Sharika Ramdas, A Sreelekha, P Bhat, A M Anil. Leptospirosis in southern Coastal Karnataka, India: analysis of clinical and laboratory characteristics. J Zoonotic Dis. 2026;10(1):1043-1051. doi:10.22034/jzd.2025.20572.