

**Dr. K. S. Sridharan**

**Degree:** MBBS, MD.,

**Designation:** Professor & Associate Director of Laboratory Services

**Area of Research Expertise with Projects conducted:** Bacteriology, Mycology, Immunology, Virology and Infection Control

1. Nasal carriage of Community Acquired Methicillin-Resistant Staphylococcus aureus in Indian School Children
2. Screening for Mupirocin resistance in Staphylococcus
3. Atypical pneumonia-Screening in a tertiary care center
4. Detection and scoring of Phospholipase and Proteinase activity among the clinical isolates of Candida.
5. Physical method to yield increased positivity of sterile body fluid bacterial cultures.
6. A comparative study of efficacy of Purlifloxacin with other Quinolones and Fluroquinolones among the Escherichia coli isolates from various clinical specimens.
7. Phenotypic determination of urinary virulence factors in Escherichia coli.
8. Carriage of multidrug resistant bacteria on frequently contacted surfaces and hands of health workers
9. Screening of Scrub typhus in a case of undifferentiated febrile illness from a tertiary care center
10. A prospective study on mrsa infection post-operatively among the patients undergoing cardiothoracic surgery and its risk factor analysis.
11. Evaluation of Thin-Layered Agar for *Mycobacterium tuberculosis* Isolation and Drug Susceptibility Testing.
12. Prevalence of Onychomycosis in Psoriatic Patients in a Tertiary Care Hospital, Chennai, Tamilnadu
13. Effectiveness of fosfomycin against urinary isolates of Escherichia coli and Enterococcus species
14. Effectiveness of minocycline in multidrug resistant Gram negative bacilli

15. A Cross Sectional Study On Spectrum Of Dermatophytosis
16. Mycobacterium microscopy and concentration methods: a comparative study

**Workshop, training undergone by faculty:**

- ISO 15189: 2002
- CISP training
- Faculty Development Programme
- Advanced course in Medical Education
- AETCOM training
- WHONET workshop

**Membership in Committees:**

- Chairman in Radiation, Laboratory and Hazardous Chemical Safety committee
- Bio Safety officer.
- Vice chairman in Safety and Utility committee.
- Nodal Officer and Member, Biomedical Waste Management Committee.
- Secretary, Condemnation committee.
- Member in QIPST.
- Member in HQAD.
- Ex-Officio member in G Block safety committee.
- Workgroup member in NAAC.

**List of Publications:**

1. “Phenotypic detection of High-Level Aminoglycoside Resistance (HLAR) in *Enterococcus species* in a tertiary care center”- Biosciences, Biotechnology Research Asia, Vol.6 (2), 751-756 (2009)
2. “Septic Arthritis of Hip Caused by *Salmonella typhi*”: A Case Report M. Shanthi, Uma Sekar, and K. S. Sridharan-Case Reports in Infectious Diseases, Volume 2012 (2012), Article ID 464527

3. "Nasal carriage of Community Acquired Methicillin-Resistant Staphylococcus Aureus in Indian School Children" Zehra R, Kumar P K, Sridharan K S, Sekar U  
Int. J. Prev Med 2014;Vol. 5:1205-6.
4. "Disseminated Mycobacterium fortuitum Infection Associated with Venous Access Device" Premamalini Thayanidhi, Shanthi Mariappan, Uma Sekar, Kopula Sathyamurthy Sridharan, Aruna Rajendran; IJSS Case Reports & Reviews 2015;1(11):66-69
5. "Screening for Mupirocin resistance in Staphylococcus" Avr Jeya Sanju, Sridharan Sathyamoorthy Kopula, Kennedy Kumar Palraj; Journal of Clinical and Diagnostic Research. 2015 Oct, Vol-9(10): DC09-DC10
6. "Atypical pneumonia-Screening in a tertiary care center" Aruna D, Sridharan Sathyamoorthy Kopula, Kennedy Kumar; Journal of Clinical and Diagnostic Research. 2015 Nov, Vol-9(11): DC18-DC20
7. Detection and scoring of Phospholipase and Proteinase activity among the clinical isolates of Candida Premkumar L, Kopula Sridharan S, Kennedy Kumar P, Anupma Jyoti Kindo International Journal of Recent Trends in Science And Technology, Volume 17, Issue 2, 2015 pp 20-24
8. Physical method to yield increased positivity of sterile body fluid bacterial cultures. Suliha K S, P Kennedy Kumar, K S Sridharan & Senita Samuel. International Journal of Recent Trends in Science And Technology, Volume 18, Issue 2, March 2016 pg 307-310
9. A comparative study of efficacy of Purlifloxacin with other Quinolones and Fluroquinolones among the Escherichia coli isolates from various clinical specimens. B Durka Devi, P Kennedy Kumar, K S Sridharan & Senita Samuel. International Journal of Recent Trends in Science And Technology, Volume 18, Issue 3, April 2016 pg 426-29.
10. Phenotypic determination of urinary virulence factors in Escherchia coli. Vidhya J, Senita Samuel, Kennedy Kumar P, Sridharan K S & Umasekar. International Journal of Recent Trends in Science And Technology, Volume 19, Issue 1, May 2016 pg 13-16.
11. Carriage of multidrug resistant bacteria on frequently contacted surfaces and hands of health workers. Sowndaraya Visalachy, Kennedy Kumar P, Sridharan K S & Umasekar. Journal of Clinical and Diagnostic Research. May 2016, Vol-10(5): DC18-DC20.
12. A study of incidence and risk factors of surgical site infections. Senita Samuel, Kennedy Kumar P, Sridharan K S & Umasekar. Medpulse- International Medical Journal. April 2016: Vol 3(4); pg 386-389.
13. Screening of Scrub Typhus in a case of Undifferentiated Febrile Illness from a Tertiary Care Center. Imayakumari V, Kennedy Kumar P, Samuel Senita and Sridharan K.S, International Journal of Microbial Research; Volume 8, Issue 7, 2017
14. *Mycobacterium fortuitum* Bacteraemia in a Immunocompromised Patient of Invasive Ductal Carcinoma of Breast and Long Term Venous Access Device. Swati Kumari<sup>1</sup>, Kopula Sathyamurthy Sridharan<sup>2</sup>, R. Packia Nancy<sup>3</sup>, Gifty Sara Mathew; Journal of Clinical and Diagnostic Research. 2018 Jun, Vol-12(6): DD01-DD02
15. Rare Isolate of *Stephanoascus ciferrii* from the Aural Discharge of Post-mastoidectomy Patient -A Case Report Packia Nancy Romald<sup>1</sup>, Kopula Sathyamurthy Sridharan<sup>2</sup>, Sanjeev Mohanty<sup>3</sup>, Anupma Jyoti Kindo<sup>4</sup>

16. Prevalence Of Onychomycosis In The Psoriatic Patients In A Tertiary Care Hospital, Chennai, Tamil Nadu, India. National Journal of Laboratory Medicine [serial online] 2019 April [cited: 2019 Jul 6 ]; 8:MO08-MO10
17. Primary pulmonary melioidosis with secondary septicemia Kennedy Kumar p.\* , Premamalini T., Sridharan K.S., Dhanasekar T. and Almas Fathima U  
International journal of microbiology research issn:0975-5276&e-issn:0975-9174,volume 11, issue 6, 2019,pp.-1606-1607
18. Harish Manoharan, Sribal Selvarajan, K. S. Sridharan, and Uma Sekar, “Pulmonary Infections Caused by Emerging Pathogenic Species of Nocardia,” Case Reports in Infectious Diseases, vol. 2019, Article ID 5184386.
19. Cross sectional study on spectrum of Dermatophytosis. S.Manjari, K Kumar, M Veeraraghavan, K S Sridharan. Int J Microbiol Res 2019: 11(10); 1708-11.