

Faculty Profile

Name	Dr Priyadarshini Shanmugam			
Designation	Professor			
Qualification	MBBS; MD. Microbiology			
Promotion details	Professor: 16.05.2014 Associate Professor 16.05.2011			
Resignations	Resigned as Tutor from Meenakshi Medical College and Research Institute on 13.10.2005			
Joining date	Joined as Assistant Professor at Chettinad Hospital & Research Institute on 14.10.2005			
IMR Details	Registered with Tamilnadu Medical Council Reg No 58827			
Areas of Research Interest	<input type="checkbox"/> Leptospirosis <input type="checkbox"/> Carbapenem Resistant Enterobacteriaceae <input type="checkbox"/> Non lactose fermenting Escherichia coli <input type="checkbox"/> Dengue <input type="checkbox"/> Molecular diagnostic kits			
Research Projects				
ICMR – STS				
S,N	Name of the Student (Batch)	ICMR STS No.	Title of the Project	Year of Sanction
1	Sivaranjani 2008	2011-01316	Prevalence of Carbapenem Resistant Enterobacteriaceae in a tertiary care hospital	2011
Extramural funded Projects				
S.No.	Details of the Funding Agency	Sanction date	Title of the Project	Amount
1	CARE	2012	Phenotypic and genotypic characteristion of Carbapenem Resistant Enterobacteriaceae isolated from clinical samples	25000
Patents filed				
	S.No.	Title	Application Number	Inventors
		-	-	-
Publications	20,	Citations 74	International	4
			National	16
Member of Academic & Administrative committees of CARE				
S.No.	Name of the Committee/Board		Role	
1	Nodal Officer, CARE for AISHE and NIRF		Nodal Officer	
2	IQAC		Member	
3	Grievance Redressal Cell for NTS		Convenor	
4	Academic Council CARE		Member	
5	BoS, for MBBS and MD paraclinical		Member	
6	Board of Management, CARE		Member 2012 to 2013	

Publications

I) Research Publications

- 1) Venkatesan P, **Shanmugam P**, Shameem Banu A S. Bacteriological profile and resistance pattern of the microorganisms causing bacteremia with special emphasis on unusual blood isolates. Indian Journal of Microbiology Research. June 2017; 4(2):171-176
- 2) Abirami E, Venkatesan P, **Shanmugam P**, Abdul Sattar S. A Study on Catheter related bloodstream infections (CRBSI) in Intensive care unit patients in a tertiary care hospital. Indian Journal of Microbiology Research June 2017; 4(2):138-143
- 3) Alice Peace R, A S Shameem Banu, M Jeya, **Shanmugam P** Characterisation of MRSA based on its virulence factors and antimicrobial susceptibility pattern. Indian Journal of Microbiology Research. March 2017; 4(1):74-78
- 4) Rompicherla V, **Shanmugam P**, Abdul Sattar S. Molecular characterization of biofilm producing Staphylococci isolated from central venous catheters in a tertiary care hospital. Indian Journal of Microbiology Research. 2016; 13(4): 432 - 435
- 5) Soundararajan N, **Shanmugam P**, A study on the aac(61)-ib-cr gene prevalence among ciprofloxacin resistant strains of uropathogenic Enterobacteriaceae – International Journal of Applied and Basic Medical research 2016;
- 6) Arularasan, Alice Peace, **Priyadarshini Shanmugam**, Detection of high and low level Mupirocin resistance among clinical isolates of Staphylococcus aureus. Indian Journal of Microbiology Research.
- 7) Nirupa S, Gayathri, **Priyadarshini Shanmugam** A Study on Bacterial Flora on the Finger printing Surface of the Biometric Devices at a Tertiary Care Hospital. International Journal of Current Microbiology and Applied Research. 2016; 5(9): 441-446
- 8) **Shanmugam P**, Soundararajan N, Ravi V. Venkatesan P, A study on the prevalence of Dengue in Kelambakkam in comparison to an earlier study. Indian Journal of Microbiology Research. 2016 April – June. Volume 3, Issue II, 102-106 **2 citations**
- 9) Ganesan P, **Shanmugam P**, **Abdul Sattar S**. Evaluation of IL 6, CRP and hsCRP as early markers of neonatal sepsis. Journal of clinical and diagnostic research. 2016; 10(5) DC13-17. **(3 citations)**
- 10) Dinesh Raj Ravi, Vasanthi Rompicherla, Gowthami G and **Priyadarshini Shanmugam**. Speciation of Enterococcal isolates in a tertiary care hospital and molecular characterisation of Vancomycin resistant enterococci (VRE). Indian Journal of Microbiology Research. 2016; 3(1):77-81
- 11) SH Shifa Meharaj, **Priyadarshini Shanmugam**, Shameem Banu AS. Speciation and Antibigram Pattern of Tribe Proteaeae with special reference to ESBL and Carbapenemase Detection. Int J Clin And Biomed Res 2015; 1 (2):43-51
- 12) **Priyadarshini S**, Nirupa S and Jeya M. 2014. Evaluation of modified hodge test as an indicator of *Klebsiella pneumoniae* carbapenemase (KPC) production by using bla KPC gene PCR. International Journal of Medical Research & Health Sciences. 3(1): 65-70.
- 13) **Priyadarshini S**, Jeya M and Perumal J. 2013. bla KPC gene detection in clinical isolates of carbapenem resistant *Enterobacteriaceae* in a tertiary care hospital. Journal of Clinical and Diagnostic Research. 7(12): 2736-2738 **(22 citations)**
- 14) **Priyadarshini S**, Jeya M and Pothini J. 2013. A comparative study of enzyme linked immunosorbent assay (ELISA) with immunofluorescence assay (IFA) for the detection of anti nuclear antibodies. International Journal of Pharma and Biosciences. 4(4): 75-80.
- 15) **Priyadarshini Shanmugam**, Jeya M, Linda Susas. The Bacteriology of Diabetic Foot Ulcers, with a special reference to multi drug resistant strains. Journal of Clinical and Diagnostic research, 2013, March, Vol 7 (3): 441-445 **(47 citations)**
- 16) Reagent Strip Testing (RST) for Asymptomatic Bacteriuria in Pregnant Women: A cost effective screening tool in under resourced settings- Journal of Clinical and Diagnostic research, 2012, May, Vol 6 (4): 671-673
- 17) **Priyadarshini Shanmugam**, Jeya M. Prevalence of Dengue in the outskirts of Chennai and its correlation with thrombocytopenia and leucopenia – Indian Journal of Applied Microbiology, (2010) 12 (1): 1-4

II) Case Reports

- 18) Unusual presentation of Leptospirosis – a case report- The Antiseptic-April 2010 Volume Pg 166
- 19) Rhinocerebral Zygomycosis due to Rhizopus species – a case report – The Journal of the Academy of Clinical Microbiologists –June 2007- Volume; (1): 35-38
- 20) Neonatal Meningitis due to Chryseobacterium meningosepticum — The Journal of the Academy of Clinical Microbiologists –June 2007; 9(1): 39-42