

**Dr T Premamalini**

**Degree :** MBBS, MD, PhD

**Designation :** Associate Professor

**Area of research expertise with projects conducted :** Mycology, Bacteriology

1. Speciation Of *Candida* from Clinical Samples –March 2013
2. Speciation and Estimation of MIC by Epsilometer for *Candida* isolates from Blood – June 2014
3. Sensitivity pattern of *Aspergillus* species from Clinical isolates by Etest method – June 2014
4. Standardization of PCR for *Fusarium* from clinical isolates and speciation by gene sequencing using ITS region and TEF – 1 alpha gene --- June 2015
5. Antifungal susceptibility pattern of *Candida* sp isolated from blood – June 2017
6. Phenotypic and genotypic characterization of *Trichosporon* species from Clinical isolates in Tertiary care center – October 2018
7. Standardization of PCR to differentiate *Candida auris* and *Candida haemulonii*- June 2018
8. Standardization of PCR for detection of fluconazole resistance targeting y132f and y132h mutations in erg 11 gene in *Candida tropicalis*.-June 2019
9. Comparison of Antifungal susceptibility pattern and virulence factors among *Aspergillus* species- June 2019

**Awards and recognitions of faculty:**

- Creative educational video award- Titled “*Trichosporon*: the right path to diagnosis”, Trends in Medical Mycology Conference, Nice, France- October 2019

**Workshops/ Training undergone by faculty :**

- XLI Internal Auditor & Quality Management Systems course as per ISO 15189-2012, SRMC &RI , November 2013
- Leptospirosis workshop , Madras Medical College , 13<sup>th</sup> Aug 2013
- Update in research ethics and research methodology; CITI workshop 4<sup>th</sup> and 5<sup>th</sup> march 2013
- Training on Immunofluorescence at Sachika – 13<sup>th</sup> and 14<sup>th</sup> April 2014

- Parasitology workshop at Sathya Sai Medical college – 29<sup>th</sup> and 30<sup>th</sup> July
- Workshop on Grant writing – 14<sup>th</sup> September 2015 , SRMC & RI
- CISP workshop – July 18-20 2019, SRMC & RI.

#### Membership in committee :

- Life Member in Indian Association of Medical Microbiology (IAMM)
- Life Member in Society of Indian Human and Animal Mycology (SIHAM)

#### List of publications

1. Fungus as an etiology in keratitis – our experience in SRMC. *Sri Ramachandra Journal of Medicine*.2009:2(ii);14-17
2. Schizophyllum commune a causative agent of Fungal sinusitis. *Case report in infectious diseases*. Vol 2011, Article id 821259, 4 pages.
3. Fungal keratitis caused by *Macrophomina phaseolina* – *Medical mycology case reports*.Vol 1 ;2012, 123-126
4. Fungal Rhinosinusitis: Report of uncommon *Aspergillus* species as etiological agents; Chadiesh Nagarajan, Premamalini Thayanidhi, Anupma J Kindo, Vijayakumar Ramaraj, Sanjeev Mohanty, Ravikumar Arunachalam; *International Journal of Case reports and images*; 2014;5(1):13–17.
5. *Aspergillus terreus* : An emerging pathogen: A case series; Premamalini Thayanidhi, Anitha Subramanian, Anupma Jyoti Kindo; *Journal of the Academy of Clinical Microbiologists*; 2014, Vol 16 (2), 96-99.
6. Disseminated *Mycobacterium fortuitum* infection associated with venous access device; Premamalini Thayanidhi, Shanthi mariappan, Uma sekar, Kopula sathyamurthy Sridharan, Aruna Rajendran; *IJSS Case Reports and Reviews*;April 2015;Vol 1(11): 66-69.
7. Counselling and disclosure of HIV status to retropositive patients by various health regulatory bodies; Sivakumar Shanmugasundaram, Premamalini Thayanidhi; *International Journal of Recent Trends in Science and Technology* ; December 2014; 13(2): 325-327.
8. Self-revealing of HIV positive serostatus by people living with HIV- a cross sectional study; Sivakkumar Shanmugasundaram, Premamalini Thayanidhi; *International Journal of Recent Trends in Science and Technology* ; December 2014; 13(2): 452-455.
9. Pattern of Susceptibility to azoles by E test method in Candidemia patients ; Sri Janani, Premamalini.T, Rajyoganandh S.V, Anupma Jyoti Kindo; *International Journal of Research in Medical Sciences*; 2015; 3(8):2118-2122.
10. Virulence factors among *Trichosporon* species from Clinical Isolates in a Tertiary Care Centre ; S.Anitha, T.Premamalini, Anupma Jyoti Kindo; *International Journal of Current Microbiology and Applied Sciences* ;2015 ; 4(8).
11. Priyadarshini Sharavanan, Dhivyalakshmi Shanmugam, Kennedy Kumar Palraj, Tessa Antony, Premamalini Thayanidhi. *Salmonella typhi* Splenic Abscess Following Blunt Abdominal Injury: A Case Report. *Journal of Clinical and Diagnostic Research*. 2016 Jul, Vol-10(7): DD01-DD02
12. Premamalini T, Anitha S, Anupma Jyoti Kindo. *In vitro* antifungal susceptibility pattern of *Trichosporon* species from clinical isolates by broth microdilution method. *Mycoses* 2017; 60(2): 57( Impact Factor- 2.252).

13. Premamalini T, Rajyoganandh SV, Vijayakumar R, Rungmei SK Marak, Anupma Jyoti Kindo. Trichosporonosis- An association with clinical factors and its outcome. International Journal of Microbiology Research 2018; 10(3): 1078-1082.
14. Premamalini T, Anitha S, Mohanapriya K, Anupma Jyoti Kindo. Phenotypic characterisation of *Trichosporon* species from clinical isolates. International Journal of Medical Research and Review 2018; 6(3): 153-158.
15. Premamalini T, Anitha S, Mohanapriya K, Anupma Jyoti Kindo. Evaluation of MTT (3-(4, 5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide) method for assessing biofilm formation *in vitro* by *Trichosporon* spp. and its comparison with test tube - crystal violet method. Journal of Laboratory Physicians. 2018; 10 (4): 380-86.
16. Kennedy kumar p, Premamalini T, Sridharan K.S, Dhanasekar T, Almas fathima U. Primary pulmonary melioidosis with secondary septicaemia. International Journal of Microbiology Research. 2019; 11 ( 6): 1606-1607
17. T. Premamalini, S. Anitha, S.V. Rajyoganandh, H. Veena, Anupma J. Kindo. Complicated Urinary tract infection by *Trichosporon loubieri*. Medical Mycology Case Reports. 2019; 24: 86-89.