

B. GEETHAVANI, M.Sc , Ph.D (Medical Microbiology)

NO:6, Avaiyar Street, Charles Nagar, Pattabiram, Chennai- 72

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JOB OBJECTIVE

Seeking as Microbiologist in the Department of Microbiology in organization of high repute.

CURRENT POSITIONS & ACTIVITIES:9 yrs

1. 9 yrs of Clinical laboratory experience as Microbiologist in Tertiary care hospital.
2. Experienced in performing internal laboratory audits.
3. Completed 1 year certificate program in CGCLP under KUHS.
4. Active participation in HICC practices.
5. Line manager 7 laboratory technicians, Supervising laboratory operations and training laboratory personnel

PROFESSIONAL EXPERIENCE – 9 yrs

Designation	Institution	From	To	Total years of experience
Tutor/Microbiologist	DM Wayanad Institute of Medical Sciences Wayanad, Kerala. (NABH accredited)	11-10-2016	Till date.	CONT.
Assistant professor	Sri Lakshmi Narayana Institute Of Medical Sciences, Puducherry	6-10-2014	7-10-2016	1 year
Tutor		11-7-2013	5-10-2014	1year 3months
Tutor	Madha Medical college & Hospital, Chennai	12-8-2011	17-5-2013	1 year 9 months 5days
Microbiologist	Vijaya Hospital & Educational Trust Chennai (NABH accredited)	3-12-2009	6-8-2011	1 year 8 months

ACADEMIC PROFILE

- **Ph.D in *Medical Microbiology*** (Faculty of Medicine), Bharath University
- **2006 – 2009 M.Sc., *Medical Microbiology (Faculty of Medicine – 3 years) – (Grade A⁺ - 70.76%)***, Dr. A.L.M PG Institute of Basic Medical Sciences, University of Madras, Chennai, India.
- **2003 – 2006 B.Sc., *Microbiology - (Grade O - 80.32%)*** , Jaya College of Arts and Science, University of Madras, Chennai, India

ROLES AND RESPONSIBILITIES IN HICC:-

1. Active surveillance to detect nosocomial pathogens and MDRO.
2. Environmental surveillance (OT) to report the source of outbreak.
3. Reporting unusual resistance pattern.
4. Monitoring HAI - CRBSI, CAUTI, VAP.
5. Contribute to framing annual antibiogram/ antibiotic policy.
6. Water analysis

LIST OF RECENT PUBLICATIONS

1. Balamuruganvelu, Reddy, Geethavani Babu, Harish PV. Serodiagnosis of Listeriosis among Pregnant women and Neonates using a Rapid Serological Assay. Indian Journal of Public Health Research & Development, December 2018;9 (12) : 284 -289
2. Babu Geethavani, Srikumar R, Singaravelu B, Reddy VS. Prevalence and Mycological Diagnosis of Dermatophytosis among People Living in the Coastal Community of Puducherry, India. Indian Journal of Public Health Research & Development. 2018 Sep 1;9(9).
3. Geethavani et al. In vitro antifungal activity of flower extract of pandanus odoratissimus against dermatophytic fungi. Asian Journal of Pharmaceutical and Clinical Research, [S.l.], p. 325-327, sep. 2018. ISSN 2455-3891.

4. Babu G, Balamuruganvelu S, Reddy Sv, Srikumar R, Chandru M, Shree Be, Bamini S. Bacteriological Profile of Wounds Due to Occupational Injuries among Fisherman Community of Puducherry, India. Journal of Clinical & Diagnostic Research. 2018 Oct 1;12(10).
5. Geethavani Babu, Balamuruganvelu Singaravelu, R. Srikumar, and Sreenivasalu V.Reddy. "Comparative Study on the Vaginal Flora and Incidence of Asymptomatic Vaginosis among Healthy Women and in Women with Infertility Problems of Reproductive Age." Journal of clinical and diagnostic research .JCDR 2017;11 (8) :DC18-22.
6. Geethavani Babu, Balamuruganvelu S, Saleel V Maulingkar, R Srikumar, Sreenivasalu Reddy V, Senthamizhan VS. Incidence Rate and Antibiotic Susceptibility Pattern of Listeria Spp. in High Risk Groups. NJLM 2017; 6 (2): MO11-15.
7. Balamuruganvelu S, Geethavani B, Reddy SV, Srikumar R, Sundaram VK. Incidence microbiological profile and drug resistance pattern of uropathogens causing asymptomatic bacteriuria among below poverty line diabetic male patients. African Journal of Clinical and Experimental Microbiology. 2017;18(3):145-53.

SCIENTIFIC PAPER PRESENTED

Geethavani.B, Rajendran.P- Seroprevalence of Syphilis and Leptospirosis Among Irula Tribal Population of Tamilnadu & Qualitative Analysis of Associated Risk Factors, 10th Sir Dorabji Tata Symposium on “Mechanism of Microbial Pathogenesis” 2009, IISC, Bangalore, India, Mar.10-12 , Abstract no.63.

COMPLETED RESEARCH PROJECTS

1. Comparative Study On The Vaginal Flora Of Healthy Women And Infertile Women Of Reproductive Age Group
2. Study on anti - listeriolysin O (ALLO) detection among symptomatic & asymptomatic pregnant women in puducherry.

3. Study on bacterial profile and antibiotic sensitivity pattern from wound infections in fishermen community of puducherry.
4. Prevalence of Listeriosis in Immunocompromised individuals.
5. Prevalence of asymptomatic bacteriuria among diabetic male patients

EXTRA CURRICULUM CREDENTIALS

- Actively participated in “Medical Camps Conducted for Irulas”, by the Dept. of Microbiology, Dr.ALM PGIBMS, University of Madras, Taramani & Lions Club.
- Actively participated in TB camp organized by RNTCP & SLIMS in rural villages of Pondicherry.
- Member of Hospital infection control committee.

TRAINING UNDERGONE

- Training programme on routine diagnostic services in Madras Medical Mission , Unit: Institute of Cardio-Vascular Diseases, Chennai.
- Hands on training on laboratory diagnosis of leptospirosis at MMC , Chennai.
- Training on isolation of listeria from clinical samples , ICAR , Goa.
- Hands on training in Real Time qPCR and Gene Expression Analysis , Frontier lifeline hospitals, Chennai.

HOSPITAL AND LABORATORY TRAININGS

- ✓ Malarial Research Institute & National Institute of Epidemiology (NIE), ICMR,
- ✓ Tuberculosis Research Institute (TRC), Chennai.
- ✓ Central Institute of Brackish water and Aqua cultural Research (CIBA), Chennai.
- ✓ Vector Control and Research Centre (VCRC), Pondicherry.
- ✓ King Institute Laboratory, Guindy.
- ✓ Central Leprosy Teaching and Research Institute, Chengalpattu.

SKILLS

- ✓ TECHNICAL - Reporting of all clinical specimens of Microbial origin.
- ✓ Clinical serology techniques.
- ✓ Water analysis and Quality control testing procedures,
- ✓ HIC surveillance monitoring.
- ✓ VAP/ CRBSI/CAUTI surveillance.

- ✓ COMPUTER - Working knowledge of Microsoft Office

- ✓ COMMUNICATION - English, Hindi ,Tamil & Telugu

PERSONAL PROFILE

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| ▪ Name | Geethavani . B |
| ▪ Age | 32 years |
| ▪ Date of birth | 19.02.1986 |
| ▪ Gender | Female |
| ▪ Nationality | Indian |
| ▪ Languages known | English, Hindi , Tamil , Telugu. |
| ▪ Strengths | Fixed determination, Confident, Good teaching ability |

DECLARATION: I hereby declare that the information furnished above is true to the best of my knowledge & belief.

Yours Faithfully,

(Geethavani .B)