

AKHILA VALSAN Microbiology Technologist

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To explore the possibility of achieving a top position in an organization that provides me advantages over my qualification and work experience and to build a carrier in a leading medical environment with committed and dedicated people, which help me to explore myself fully and realize my potential.

Academic Summary

Jun 2022	Master of Science in Medical Microbiology School of Medical Education, CPAS, Mahatma Gandhi University, Kottayam, Kerala
Apr 2018	Bachelor of Science in Medical Microbiology School of Medical Education, CPAS, Mahatma Gandhi University, Kottayam, Kerala Scored 69% with 2 nd rank
Mar 2013	Higher Secondary SNDP Higher Secondary School, Ernakulam, Kerala Scored 83.2%
Mar 2011	SSLC St. Joseph's CGHSS, Ernakulam, Kerala Scored 85%

DISSERTATION

• Detection of Dengue virus serotypes in Dengue NSI positive patients in a tertiary care centre in central Kerala

Inter University Centre for Biomedical Research and Super Speciality Hospital (IUCBR & SSH), Kottayam

WORK PROFILE

Microbiologist Jul 2022 Sree Sudheendra Medical Mission Hospital, Ernakulam Present Volunteer (RT PCR- SARS- CoV-2) May 2021 Inter University Centre for Biomedical Research and Super Speciality Hospital Jul 2021 (IUCBR & SSH), Kottayam Observership in Microbiology Apr 2019 Aster Medcity, Ernakulam, Kerala - A 670 bedded quaternary care multispeciality Jul 2019 hospital with JCI and NABH accreditation Internship in Microbiology Sep 2018 General Hospital, Ernakulam, Kerala - A 783 bedded multispeciality hospital and Mar 2019 is one of the best well-equipped government hospitals in Kerala. This is the first Government hospital with NABH accreditation and FICCI award 2012 in Kerala.

PROFESSIONAL AFFILIATIONS

 Association of Medical Microbiology and Biochemistry Students and Graduates (AMMBS), Reg. No. – K1338

SKILLS & EXPERTISE

- Performed bacterial and fungal staining procedures with a review of smears, along with managing inter quality control check.
- Performed blood culture, urine culture, stool culture, throat swab culture, pus culture and other body fluid culture to diagnose disease-causing agents (bacteriology and mycology).
- Involved in interpreting the clinical significance of positive cultures and other abnormal test results under the supervision of the specialist microbiologist.
- Proficient in Antibiotic Sensitivity Test and Biochemical Identification Tests.
- Expertise in preparation of various culture media.
- Performed latex agglutination and rapid antigen tests.
- Handled automated culture systems like Bactec 9050 and BacT/ALERT 3D and automated microbial identification and sensitivity system (VITEK-2 Compact).
- Managed serological and immunological tests like Leptospira IgM ELISA, Dengue IgM ELISA, Dengue Ag ELISA, ANA ELISA, HAV ELISA.
- Performed environment and operation theatre sterility testing.
- Managed sterilization and quality control in microbiology.
- Maintenance of records and data management.
- Hands on experience in RT PCR (SARS CoV 2 testing).

EQUIPMENTS HANDLED

- Bactec 9050 and BacT/ALERT 3D
- Bio- Rad C1000 Dx Thermal cycler
- Thermo Fisher Quant Studio 3 RT PCR System
- King Fisher Flex Purification System (RNA Extraction)
- Eppendorf Thermomixer C
- Eppendorf Centrifuge 5424R, 5920R
- Tarsons SPINWIN MC 00 Microcentrifuge
- Esco Labculture class II Type A2 Biosafety Cabinet
- Heal Force LC Type A2 Biosafety Cabinet
- Laminar Airflow

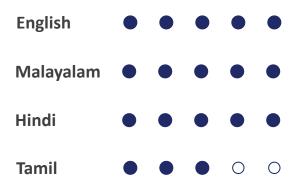
SEMINARS ATTENDED

- Oral Microbiome and Infections : Revisiting the Fundamentals Department of Microbiology, Kasturba Medical College, Mangalore
- Management of fungal co-infections in COVID- 19
 BD India
- Laboratory Testing & Health : Covid -19 Pandemic ACMB and PIET
- Genome MICROFEST 2016 in Kottayam, Kerala
- Microbiomes and Second Genome
 MICROCON 2K15 in Kottayam, Kerala

QUALITIES

- Effective leadership quality
- Confident to accept challenges
- Ability to deal with people diplomatically
- Good communicative and interpersonal skills
- Hard working, punctual and responsible
- Questioning skills

LANGUAGES KNOWN



REFERENCE

Dr. Harish Kumar K S

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