



AFFEREDI M

DHA Eligible: 25298042

AAHP Membership REG No-LT994658

PERSONAL DETAILS

Address: Al Karama, Dubai

E-Mail: afridi0479@gmail.com

Phone: +971 529297380

Visa Status: Visiting Visa

LANGUAGES

- English
- Arabic (reading and writing)
- Malayalam

SKILLS

- Molecular Diagnosis of infectious diseases (Real Time RT-PCR, CBNAAT, TrueNAT, POC PCR).
- Basic and advanced techniques involved in the microbiological diagnosis of Bacterial, Fungal and Parasitic diseases.
- Sample collection & preparation
- BioRad Unity Realtime Software
- Equipment Troubleshooting.
- Serological techniques.
- MS Office and database system.
- LIS (Laboratory Information System)
- Data Analysis.

PERSONAL SUMMARY

Detail oriented Laboratory Technologist with **3** years of experience in performing accurate and timely laboratory testing and analysis. Proficient in Microbiology, Clinical Chemistry, Molecular Biology, Serology, Hematological tests. Adept at maintenance, troubleshooting of equipment and ensuring quality control in a fast-paced environment. Seeking a challenging position to utilize my skills and contribute towards high-quality healthcare services.

WORK EXPERIENCE

1. Worked as Junior Microbiologist at **Believers Church Medical College Hospital**, Kerala, India (01/06/2020 – 05/01/2024)

KEY RESPONSIBILITIES

- Processed samples like Blood, Urine, Stool, Respiratory and Exudates.
- Performed routine Microbiology, Molecular Biology, Immunology, Serology, Biochemistry, Hematological tests.
- Microbial culture, isolation and identification of microorganisms by manual and automated method, as per CLSI guidelines.
- Performed Proficiency testing, Internal Quality Control and documentation for the same.
- Routine maintenance, calibration, trouble shooting, documentation of all major & minor equipment.
- Performed COVID-19 RT PCR, and other different Bacterial and Viral PCR test.
- Prepared Standard Operating Procedures for newly added Laboratory tests under NABL scope.

ACADEMIC CREDENTIALS

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|-----------|---|
| 2020-2022 | MSc. Microbiology- University of Mahatma Gandhi , PGM College, Kottayam, Kerala, (SGPA-3.62, grade B+) |
| 2017-2020 | BSc. Microbiology- University of Mahatma Gandhi , PGM College, Kottayam, Kerala, (CGPA- 68.02%, grade B) |

PUBLICATIONS

Published project on the topic “**Evaluation of the efficacy of tongue swab and saliva as sample for testing COVID-19 infection in symptomatic cases in comparison with nasopharyngeal swab; a pilot study.** (Journal of Medical Microbiology Volume 72 Issue 8, Microbiology Society. August 17, 2023)

CERTIFICATES & ACHIEVEMENTS

- Awarded certificate for attending a course “**Quality Management System and Internal Audit in Medical Labs as per ISO 15189:2015**”, **National Board for Quality Promotion** held at Believers Church Medical College Hospital, Kerala, India.
- Awarded training certificate for attending a short course on “**The TrueNat/ Truelab, Real Time Quantitative micro-PCR System**”, organized by Molbio, **Believers Church Medical College Hospital**, Kerala, India
- Awarded training certificate for attending a short course on “**EX3000 Extraction machine installation, operation, calibration and maintenance**”, organized by **Zybio, Believers Church Medical College Hospital**, Kerala, India.
- Awarded training certificate for attending a short course on “**Research Laboratory Techniques**”, organized by **Pushpagiri Medical College Hospital**, Kerala, India.

REFERENCE

- **Dr. Riju Mathew**- Laboratory & Quality Manager & Associate Professor, Department of Biochemistry, Believers Church Medical College, Kerala, India
labmanager@bcmch.org
Mob- +91 9447659378.
- **Dr. Anjali Annie Jacob**-Assistant Professor & Scientist C, Central Research Laboratory, Believers Church Medical College Hospital, Kerala, India.
anjaliacob1974@gmail.com
Mob- +91944643685

MACHINES HANDLED

In Microbiology,

- Bact/Alert 3D 60 /120 (Biomerieux)
- Vitek Compact 2 (Biomerieux)
- BD Bactec MGIT 320 (BD Diagnostics)
- BIOFIRE FILMARRAY TORCH

In Molecular Biology,

- Bio-Rad CFX 96 Thermal cycler
- True Nat RT-PCR
- Gene Xpert System (Cepheid)
- Abbot ID NOW
- Zybio EX 3000 Automated Nucleic acid Extraction Machine.

In Immunology & Serology,

- Vitros 3600 Immunoanalyser (CLIA)
- Vidas Immunoanalyser
- Siemens Atelica Neph 630 Protein Analyser.
- Autolumo A2000 plus (CLIA)
- Snibe MAGLUMI X6
- BECKMAN COULTER ACCESS 2 & DxI 800 (CLIA)
- Mispa i3 Protein Analyser

In Biochemistry,

- BECKMAN COULTER AU480/680 Clinical Chemistry Analyzer.
- Biorad D10 AL HbA1c Analyzer

In Hematology,

- BECKMAN COULTER DXH 600,800,900 Hematology Analyzer
- MINDRAY Cal 8000 Hematology Analyzer
- Ves Matic Easy ESR Auto Analyzer

AREA OF EXPERTISE

- Clinical Microbiology
- Clinical Chemistry
- Molecular Biology
- Quality Management System

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

AFFEREDI M