



SANAA ABDUL LATHEEF

sanaareads247@gmail.com

Ph: +971 562623347

DHA ID: 12043324; MOH ID: 301760

EDUCATION

Master of Science in Clinical

Virology

Manipal Institute of Virology
Manipal Academy of Higher Education
Manipal, Karnataka, India,
2019 - 2021
CGPA: 8.7

Bachelor of Science in Medical

Laboratory Technology

Govt. Medical College Kozhikode
Kerala University of Health Science
Kozhikode, Kerala, India
2014 - 2018
CGPA: 6.0

Higher Secondary Education

The Model School, Abu Dhabi, UAE
Kerala Board of Higher Secondary
Examination
2011 - 2013
94%
Grade: A

Secondary Education (CBSE)

The Model School, Abu Dhabi, UAE
Central Board of Secondary Education
2010 - 2011
95%
Grade: A1

EXPERIENCE

LABORATORY TECHNOLOGIST (02/12/2021 - 16/06/2023)

Doctor's Lab, Kottakkal, Kerala

LABORATORY TECHNOLOGIST (01/11/2018 - 30/06/2019)

Life care Diagnostic Centre, Padikkal, Kerala

EXPERTISE

VIROLOGY

- Cell culture techniques: Subculturing of cells, cell counting and cell culture media preparation
- Virological techniques: Virus inoculation, TCID₅₀ assay, Plaque assay, Direct and Indirect Immunofluorescence assay
- Molecular biology techniques: Real Time PCR, Conventional PCR, Purification, Phylogenetic analysis, miRNA target prediction
- Serological techniques: Routine diagnostic ELISA, Hemagglutination Inhibition assay and Virus Neutralisation assay, Quality control

MICROBIOLOGY

- Bacterial and fungal culture media preparation
- Inoculation and culturing methods
- Antimicrobial sensitivity tests
- Mycobacterium culturing, identification, and detection on GeneXpert
- Serological tests including Widal and Weil Felix tests

BIOCHEMISTRY

- Separated of serum and plasma
- Quality control, troubleshooting and result interpretation
- Instruments: Cobas C311, Cobas 6000, Easylyte (Erba), ErbaEm 360, Erba XL

IMMUNOLOGY

- Direct and Indirect ELISA, Immunofluorescence staining

CLINICAL PATHOLOGY

- Phlebotomy: Venous and capillary blood collection
- Routine Blood and Urine Analysis
- Instruments: Sysmex XP 100, Trinity Biotech
- Blood smears preparation
- Differential blood count, Eosinophil count, Reticulocyte count and detection of parasites
- Blood banking techniques: Blood grouping tests, Antibody titration, Coomb's tests

LANGUAGES

English
Malayalam
Hindi

SKILLS/SOFTWARES

Creative Writing
Formal Writing
Public Speaking
MS Word
MS Excel
MS PowerPoint
Sequencher
MEGAX
ArcGIS
miRDB
miRPath

PERSONAL

Date of Birth: 16/12/1994
Marital Status: Married
Visa: Residential Visa
(Valid until Aug 2025)
DHA status: 12043324
Eligible for license
(Valid until 30/10/2024)
MOH status: 301760
Eligible for license
(Valid until 01/02/2029)

CYTOLOGY

- Sample processing
- Staining of Pap smears
- Fluid cytology

HISTOPATHOLOGY

- Fixative and stain preparation
- Biopsy grossing and fixation
- Tissue processing, embedding, microtome sectioning and staining
- Immunohistochemistry: Immunostainer Leica BOND-MAX

MICROSCOPY

- Fluorescence microscope, Inverted microscope, and Light microscope

ACHIEVEMENTS

MSc. Clinical Virology first rank holder with 8.7 CGPA from Manipal Institute of Virology, MAHE, Manipal

PROJECTS

MSc. PROJECT

“HEPATITIS B VIRUS GENOTYPING IN CHRONIC AND HEPATOCELLULAR CARCINOMA PATIENTS FROM SOUTH INDIA AND PREDICTION OF MICRORNA TARGETS WITHIN THE HEPATITIS B VIRUS GENOME”

MicroRNA targets within the HBV genome will be analyzed using computational methods such as miRDB, miRPath, etc. and Pathway analysis will be conducted on shortlisted MicroRNAs to study the role of miRNAs in HBV pathogenesis and disease progression.

04/2021 - 10/2021

BSc. PROJECT

“FASTING/NON-FASTING AND BLOOD GROUP DIFFERENCES IN SERUM ALKALINE PHOSPHATASE”

ALP levels of healthy individuals were compared and analyzed before and after food intake, taking their blood group in addition, into consideration

03/2018 - 10/2018

CERTIFICATES/TRAINING

- “PCR 101: Polymerase Chain Reaction (PCR) and Quantitative PCR (qPCR)”, Flowcytometry Solutions (P) Ltd, Jaipur, India 8th - 11th August 2021
- “A Primer to Medical Genetics”, Dept of Medical genetics, KMC, 16th - 28th August 2021
- “International workshop on one health”, Prasanna School of Public Health, MAHE, Manipal, 21st November 2019
- “Introduction to Data Analysis Using Excel”, Rice University, Coursera, 17th June 2020
- “Epidemics - the Dynamics of Infectious Diseases”, Pennsylvania State University, Coursera, 22nd July 2020
- “Fundamentals of GIS”, University of California, Coursera, 10th November 2020

REFERENCES

1. Dr. Chiranjay Mukhopadhyay M.D PDCC Ph.D, Director, Manipal Institute of Virology, Manipal Academy of Higher Education, Manipal, chiranjay.m@manipal.edu +91 9845513057
2. Dr. Piya Paul Mudgal, Associate Professor, Manipal Institute of Virology, Manipal Academy of Higher Education, Manipal, piya.mudgal@manipal.edu +91 8197171682
3. Dr. Anitha J, Assistant Professor, Manipal Institute of Virology, Manipal Academy of Higher Education, Manipal, anitha.j@manipal.edu +91 9986403225
4. Mr. Chandran Cheneri, Assistant Professor, Govt. Medical College Kozhikode, Kozhikode, chandrannairc@gmail.com +91 9846442898

Healthcare Professional Registration Certificate

شهادة تسجيل مهني صحي

Issue Date

31-10-2023

تاريخ الإصدار

Professional Name	صنعاء عبد اللطيف SANAA ABDUL LATHEEF	اسم المهني
Nationality	India	الجنسية
DHA Unique ID	12043324	الرقم التعريفي
Registration Title	المساعدين في الرعاية الصحية المهنية تقني مختبرات طبية Allied Health - Technologist - Medical Laboratory	مسمى التسجيل
Remarks	N/A	ملاحظات
Registration Expiry Date	31-10-2024	تاريخ انتهاء صلاحية التسجيل

This Registration is NOT considered a permit to practice. It must be activated into a license by a licensed health facility in order to commence clinical practice.

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Date: 02/02/2024

التاريخ: 2024/02/02

Evaluation Letter

خطاب تقييم

Reference Number	301760	الرقم المرجعي
Name	SANAA ABDUL LATHEEF	الإسم
Nationality	Indian	الجنسية
Specialty 1	Medical Laboratory	التخصص 1
Title 1	Medical Laboratory Technologist	المسمى 1
Privilege		الصلاحيات
Validity of the letter	01/02/2029	مدة صلاحية الاشعار
Remarks	ملاحظات:	
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