



Fahin Cp

Lab Technologist/Histopathology Technician

Chakkiparambil House, Valluvangad South Post, Valluvangad, Malappuram, Kerala, 676521

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Objective

I seek challenging opportunities where I can fully use my skills for the success of the organization. Experience in sample processing and staining for Electron Microscopy, Histopathology, IHC, Special Stains, Fresh Muscle EHC, FISH & MGMT, Mitochondrial Assay, Hematology Biochemistry, Clinical Pathology & Microbiology.

Personal Details

- Date of Birth : 07-12-1998
- Marital Status : Single
- Nationality : Indian
- Religion : Muslim
- Blood Group : A -ve

Employment Profile

- **NIMHANS, Bangalore** 01/09/2022 - 31/08/2023
Lab Technologist
 1. Neuropathology
 2. Histopathology
 3. Fresh Muscle EHC
 4. Special stains
 5. Immunohistochemistry (Manual & Automated-Ventana Benchmark)
 6. Serological Tests (Autoimmune)
 7. Electron Microscopy, Processing and sample preparation
 8. DNA Isolation and Mitochondrial assay
- **Internship completed at A J Institute Of Medical Science and A J Hospital & Research Centre, Mangalore**
Better exposure and clinical experience by Rotary at:
 1. HRC LABORATORY
 2. BLOOD BANK (Component Separation, Cross Matching, Issue of Blood etc.)
 3. PCR & VIROLOGY LAB
 4. AJIMS LABORATORY:
 - a) Sample Collection
 - b) Biochemistry
 - c) Hematology
 - d) Clinical Pathology
 - e) Cytology
 - f) Microbiology
 - g) Serology

Hands On Experience In Different Sections

- **Neuropathology/Histopathology**
 - Routine histopathology specimen collection, processing and other preanalytical steps.
 - Principles of all histology techniques with special reference to Neuropathology.
 - Special stains related to Neuropathology (Silver stains, PTAH, LFB etc.)
 - Muscle biopsies: Cyto fixation, sectioning, Enzyme Histochemistry.
 - Nerve biopsies: Sectioning, semi thin sections, and special stains for myelin and axons.
 - Immunohistochemistry (manual and automated) Ventana Benchmark XT (ROCHE).
 - Principles of electron microscopy: Sample fixation, Processing, semi thin and ultra-thin sectioning, staining, immunoelectron microscopy, negativestaining.
 - Specialised tests: Molecular diagnostics in tumor and muscle diseases, Immunodiagnostic for autoimmune diseases, mitochondrial enzyme assays.
 - Oncology: FISH (Fluorescence in situ hybridization), MGMT (O6 - Methyl Guanine DNAMethylTransferase-RealtimePCR), DNA isolation, TMA (Tissue Microarray).

- Mitochondrial Assay
- **Biochemistry**
 - Architect Plus - Abbott ci 8200
 - Bio rad D -10
 - Roche 9180
 - VITROS 3600
 - ABL80 FLEX
- **Microbiology**
 - Culture and Sensitivity, Biochemical reactions
 - Serology in Microbiology
 - BACTEC 9120 and BACTEC 9050 Automatic Culture Machine
 - Fully Automated Bacterial Identification and Antibiotic Sensitivity Instrument
 - VITEK2 – COMPACT
 - J-Mitra EW-180 & ER-180
- **Hematology**
 - Handled Hematology Instruments like
 - . Sysmex XN-1000
 - . Sysmex XP-100
 - . ACL Elite Pro & Destiny Plus
 - . Roller 20LC & Ves-Matic Cube 30
 - Routine Clinical Pathology . Uri-Plus 600

Educational Qualification

- **Certificate Course In Neuropathology Technology @ NIMHANS,Bangalore**
Specialised in Neuropathology techniques, histopathology, special stains, immunohistochemistry,electron microscopy.
- **COLLEGE**
BSc.Medical Laboratory Technology
A J Institute Of Medical Science & Health Research Centre, Mangalore
Rajiv Gandhi University Of Health Sciences, Bangalore (First Class with 72.5%)
- **PLUS TWO**
Government Higher Secondary School,Pandikkad
Kerala Board Of Higher Secondary Examination
2014-2016
- **SSLC**
HMYHSS, Manjeri
Kerala Board

Conference & Workshop Attended

- 1. AHSCON – 2020 National Allied Health Sciences Conference, Organised by RGUHS and Allied Health Sciences Collages of Karnataka.
- 2. Yen Bio Sim 2020 - Bubbles: Integrated Simulation Lab - Based Workshop,conducted by Department of Biochemistry, Yenepoya Medical College,Deralakatte, Mangalore on 07 February 2020.
- 3. CME on Transfusion Medicine and Quality Assurance, conducted by Alva's Rotary Blood Bank on 17 November 2019.

Expertise

- - Routine histopathology specimen collection, processing and other preanalytical steps.
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 - Muscle biopsies: Cyto fixation, sectioning, Enzyme Histochemistry.
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Instrument Overview:
Setting
StartUp
QualityControl

SampleAnalysis

IPU

MeasurementPrinciple

Result Interpretation

Maintenance

Troubleshooting.

- Principles of electron microscopy: Sample fixation, Processing, semi thin and ultra-thin sectioning, staining, immunoelectron microscopy, negativestaining.
- Specialised tests: Molecular diagnostics in tumor and muscle diseases, Immunodiagnostic for autoimmune diseases, mitochondrial enzyme assays.
- Oncology: FISH(Fluorescence in situ hybridization), MGMT(O6 - Methyl GuanineDNAMethylTransferase-RealtimePCR),DNAisolation,TMA (TissueMicroarray).

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- - Preparation for internal & external lab audits like NABL.
 - SOP preparation, raw data, and Log books checking.
 - Maintain and Update laboratorystatistics.
 - Quality control and Quality assurance in all techniques.
 - Instrumentation: Including maintenance, calibration and troubleshooting.
 - Laboratorysafety

Languages

- English •Malayalam •Hindi •Kannada

Declaration

- I hereby declare that the above furnished informations are true to the best of my knowledge and belief.

Reference

- **Dr.Anita Mahadevan - NIMHANS, Bangalore**
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- **Dr.Yasha.T.C - NIMHANS,Bangalore**
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