

SHEHAZIA MUHAZINA

MOLECULAR BIOLOGIST

CONTACT

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SKILLS

- Expertise in molecular biology and Biotechnology skills
- Lab operations
- Safety compliance
- Datacollection, analysis and Documentation
- Equipment calibration and maintenance
- Proficient in LIS Lab Software
- Problem solving ability
- Presentation and Report writing
- Multi-tasking skills
- Leadership Skills
- Organizational Skills
- Time Management
- MS Office Excel
- MS Office Word
- MS Office PowerPoint

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Arabic (Basics)
- Malayalam(Native)
- Tamil (Fluent)

PROFILE

Competent Biotechnology postgraduate with record of achievements providing outstanding skills, comprehensive knowledge of all standards and regulations and operational dexterity in fast-paced laboratory environment. Excellent work ethic, motivated to perform well both individually and in a team context. Maintains a thorough grasp of industry trends and research innovations.

I prefer to work in manufacturing environment including Biotechnology, Pharmaceutical, Chemical, Food & Beverage industries.

EMPLOYMENT HISTORY

MOLECULAR BIOLOGIST

2021- 2022

ASTER DM HEALTHCARE

- Utilized advanced molecular pathology techniques to identify and characterize viruses, bacteria, and other microorganisms
- Perform TRUENAT chip-based Real Time Duplex PCR Test for the semi quantitative detection of SARS CoV-2RNA in human oropharyngeal and nasopharyngeal swab specimen
- Molecular identification of bacteria using 16S PCR method and sequencing. Analysis of sequenced data using Basic Local Alignment Search Tool (BLAST) for similarity searches
- Conduct detailed clinical analysis of body fluids, including blood, urine and spinal fluid
- Organize, store and examine over 200+ patient samples daily in a safe and efficient manner
- Maintain accurate records of findings by recording data from analysis of medical tests clinical results
- Electrophoresis technique, SDS PAGE, UV spectroscopy, enzyme activity assays
- ELISA, Western blot, Dot blot
- Antibiotic sensitivity test
- Buffer preparations
- chromatography techniques

EDUCATION

MSc Biotechnology
Chinmaya Arts & Science College
Kannur University
CGPA 73% 2017-2019

BSc Biotechnology
Chinmaya Arts & Science College
Kannur University
CGPA 78% 2014-2017

MEDICAL LABORATORY EQUIPMENTS

Operates molbio Trueprep Auto v2 & Truelab Quattro

Operates Abbott

Operates BIO RAD D-10

Operates VITROS 5600

Operates Sysmex XN-1000

Operates LAF, Autoclave, Incubator

RESEARCH EXPERIENCE

(MSc Project)

"MOLECULAR IDENTIFICATION AND ANTIBIOFILM ACTIVITY OF PROBIOTIC *lactobacillus* AGAINST CLINICAL PATHOGEN *pseudomonas* SPECIES"

Project guide : Dr. Bindiya E.S

Place : Unibiosys Biotech Research Lab, Cochin

(BSc Project)

"HYPERTHYROIDISM AND HYPOTHYROIDISM"

Project guide : Bince Baby

Place : Mission Hospital, Thalassery

ATTENDED SEMINARS

- Recent Trends In Comparative Reproductive Endocrinology, Indian Academy Of Science, Bangalore , Indian National Academy, New Delhi, The National Academy of Science, India, Allahabad
- International Conference On Research And Development In Biosciences(CRDB -2019, Dept. Biotechnology and Microbiology- Kannur University
- Regenerative Medicine – An Emerging Area for Research , organized by Internal Quality Assurance Cell (IQAC) ,DEPT. BIOTECHNOLOGY AND MICROBIOLOGY, KANNUR UNIVERSITY
- Role Of Science And Technology In Medicine- Cancer Care And Neuroscience, Internal Quality Assurance Cell (IQAC) in association with PG Department of Biotechnology
- Food Sustainability During Pandemic, Internal Quality Assurance Cell (IQAC) in association with PG Department of Biotechnology

CERTIFICATIONS

HACCP LEVEL-3, UK Highfield

ISO 22000:2018 FSMS AWARENESS TRAINING CERTIFICATE,

Unibiosys Biotech research Institute, Ernakulam

Medical Coding Certificate, Avodha Edutech

- Performed detailed audits of medical records to ensure completeness and accuracy of coding
- Assisted with medical coding and documentation, ensuring accuracy and timely submission
- Assisted with medical billing and coding, including entering patient information into the billing system
- Collaborated with physicians and other healthcare providers to clarify medical record documentation and coding accuracy