



CONTACT ME

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Sharjah, UAE

EDUCATION

➤ MSC MICROBIOLOGY

Bharathiar University

2019 – 2021

➤ BSC MICROBIOLOGY, CHEMISTRY, ZOOLOGY

Mangalore University

2016 - 2019

ACADEMIC ACTIVITIES

- Microbiology departmental workshops
- National seminar on “Industry Academia Connect and Design Exhibit (2020)” and won second prize in poster (Topic- Bioluminescence)
- National conference on “Espials of Biomolecules” and won second prize in Oral presentation (Topic- Precision Medicine)

SHYTHYA K

MICROBIOLOGIST

JOB PROFILE

Detail-oriented microbiologist with expertise in HACCP and Food safety. Proficient in microbiological testing, documentation, and quality control. Skilled in microbial analysis, culture development, and laboratory testing using advanced equipment and aseptic techniques. Experienced troubleshooter and optimizer of experimental protocols. Strong communicator for effective multidisciplinary collaboration. Committed to upholding high-quality standards and eager to contribute knowledge for organizational success and growth.

WORK EXPERIENCE

MICROBIOLOGIST

11/2022- 11/2023

BENGALURU ALLERGY CENTRE, BANGALORE

- Execute ELISA, SDS-PAGE, and protein estimation assays with a focus on precision and accuracy in allergen analysis.
- Utilize semi-automated instruments for the screening of allergens, ensuring efficient and reliable results.
- Maintain meticulous documentation of reports, contributing to a comprehensive and organized record-keeping system.
- Perform in-depth quality analysis of allergens, adhering to established standards and protocols.
- Conduct allergen extraction and purification procedures, emphasizing strict adherence to established protocols.
- Implement rigorous sterilization processes and prepared media to create optimal laboratory conditions.
- Collaborate seamlessly with multidisciplinary teams, fostering an environment conducive to enhanced research and diagnostic capabilities.
- Prepare media with precision, contributing to the establishment of optimal growth environments.
- Collaborate seamlessly with cross-functional teams to facilitate research and diagnostic advancements.

JUNIOR MICROBIOLOGIST

11/2021- 11/2022

ROHANA VETERINARY DIAGNOSTIC LAB, BANGALORE

- Efficiently managed the reception, labeling, and detailed analysis of diverse sample types.
- Conduct DNA extraction procedures and implemented RT-qPCR techniques for pathogen identification.
- Proficiently prepared smears, applied staining methods, and performed complete blood count analyses.

COMPUTER SKILLS



WORD



EXCEL



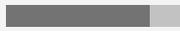
POWERPOINT

LANGUAGES

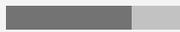
ENGLISH



HINDI



TAMIL



KANNADA



MALAYALAM



CERTIFICATES

- Detail-Oriented
- Strong Analytical Skills
- Team Collaboration
- Effective Communication
- Research and Documentation
- Problem Solving
- Adherence to Protocols and Standards
- Time Management
- Critical Thinking
- Continuous Learning
- Flexible and Adaptable

PERSONAL DETAILS

- Nationality : Indian
- Date of birth : 19-10-1998
- Marital status : Single

- Execute a range of biochemistry tests, contributing valuable insights into biochemical parameters.
- Conduct antibiotic sensitivity tests, ensuring accurate assessments of microbial susceptibility.
- Spearhead quality control and calibration activities to maintain precision in laboratory equipment.
- Assist in the optimization of testing protocols through collaboration with senior microbiologists.

CERTIFICATIONS

HACCP Level 3 (CODEX Principles) Highfield qualification	2023
Food safety Management Level 4 (Manufacturing) Highfield qualification	2023
Quality Control & Quality Assurance in Pharma Industry (Certificate of course completion)	2023
Food Safety Supervisor Certificate (Manufacturing level2) (Food Safety Training and Certification, India)	2020
Microbiology Laboratory observation Amrita institute of medical science and Technology, Kochi	2018

TECHNICAL SKILLS

- Isolate and culture microorganisms using aseptic techniques, including media preparation, inoculation, and incubation.
- Monitor and maintain the sterility and calibration of equipment, adhering to Good Laboratory Practices (GLP).
- Demonstrate hands-on experience in Antibiotic sensitivity tests, staining, ELISA, Protein estimation, SDS-PAGE, DNA Extraction, and RT-qPCR.
- Maintain microbial cultures following Standard Operating Procedures (SOPs) to ensure their viability and purity.
- Possess extensive experience in handling various laboratory equipment, including BS 120 Serum Biochemistry, Hematology analyzer, VITEK, BacT/ALERT, and Spectrophotometer.
- Conduct microbial identification tests using biochemical, molecular, and serological methods.
- Demonstrate a strong understanding of Good Manufacturing Practices (GMPs) and food safety regulations.
- Document and maintain accurate records of test results, laboratory procedures, and quality control measures for thorough documentation.

DECLARATION

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

SHYTHYA K