

ROSHNI JEROME



CONTACT

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OBJECTIVE

To work with a rapidly growing organization with a dynamic and challenging environment to achieve goal of organization with my best efforts.

SKILLS

- Molecular Techniques - Agarose gel electrophoresis, Routine molecular techniques such as isolation of genomic DNA and RNA, Conventional PCR, RT PCR (ABI 7500 fast, COBAZ 480, Biorad CFX96).

Microbiology - Analysis of food (Total viable count), Dairy products (MBRT) and water (MPN), Antibiotic sensitivity test, Bacterial Identification: Staining and cultural techniques, biochemical tests.

Serology: ELISA, IFA, WIDAL, VDRL, RPR, ASO tests, Immunodiffusion (RID and ODD), Blood grouping (Slide agglutination test).

Hematology: Total erythrocyte and leukocyte count using Haemocytometer, Determination of ESR (Westergren's method).

LANGUAGE

English, Malayalam

EXPERIENCE

Amrita Institute of Medical Sciences	06.06.2020 -
Project Internship	05.08.2020
Clinical virology laboratory	
Amrita Institute of Medical Sciences	19.10.2020 -
Lab Trainee	07.06.2022
Clinical Virology Laboratory	

EDUCATION

Luke Memorial Public School, Iringole	2012
Class X	
9	
Holy Ghost Convent Girls Higher Secondary School, Aluva	2014
Class XII	
90.33	
M.E.S College, Marampally	2018
B.Sc. Microbiology	
7.92	
M.E.S College, Marampally	2020
M.Sc. Microbiology	
2.83	

PROJECTS

"Isolation of biofilm producing bacteria from different water samples and testing the efficiency of various compounds against this property."
Project work done at M.E.S College, Marampally and was funded by KSCSTE.

PUBLICATION

A Feasibility Trial to Evaluate the Composite Efficacy of Inhaled Nitric Oxide in the Treatment of Covid 19 Pneumonia : Impact on Viral Load and Clinical Outcomes
Co-author
Publication Type : Journal Article
Publisher : medRxiv, Cold Spring Harbor Laboratory Press