

DESSELLA FRANCIS
MICROBIOLOGIST

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OBJECTIVE

To work in a challenging environment that would provide me the opportunity for learning and, to gain exposure and practical experience relevant to the pursuit of scientific research both professionally and personally with up-gradation of knowledge and technological skill in the field of Microbiology.

ACADEMIC CREDENTIALS

- M.Sc Microbiology from Indhira Gandhi college, kothamangalam, Mahatma Gandhi University.
- B.Sc Microbiology from Sree sankara college, kalady, Mahatma Gandhi University
- Diploma in Computer Application.
- H.S.C from St Mary's HSS Ernakulam, Kerala, Board of Higher secondary.
- S.S.C from St Antony's HSS, Ernakulam, Kerala, KSE.

PROFESSIONAL EXPERIENCE

1) Organization : Polakulath Narayanan Renai Medcity hospital, Palarivattom

Position Held : Jr Microbiologist

Duration : November 2014 – May 2018

2) Organization : Lourdes hospital, Ernakulam

Position held: Jr Microbiologist

Duration: 24 October 2018 - continued

KEY RESULT AREAS:-

- **MICROBIOLOGICAL TECHNIQUES:** Isolation, Characterization and Identification of bacteria, Pure Culture Techniques, study of Bacterial Pathogens, Bacterial Growth Curve, Antibiotic sensitivity, Antimicrobial activity, staining techniques
- **BIOCHEMICAL TECHNIQUES:** Separation of biomolecules by Paper chromatography, TLC and, SDS PAGE
- **IMMUNOLOGICAL TECHNIQUES:** ABO Blood grouping, Immuno electrophoresis, ELISA.
- **RECOMBINANT DNA TECHNOLOGY:** Isolation, Purification, Restriction & ligation of plasmid and genomic DNA, PCR amplification technique, Genomic DNA and plasmid isolation, Agarose Gel Electrophoresis, Western Blotting technique.

EQUIPMENTS USED

- *BACT/ALERT
- *BACTEC
- *BD Phonix
- *VITEK 2 COMPACT
- *TRUENAT
- *RT-LAMP

RESEARCH EXPERIENCE

- B.Sc Dissertation carried out on “RISK OF EXPOSURE TO MARKETED DAIRY PRODUCTS WITH DRUG RESISTANT MICROORGANISM”
- M.sc Dissertation carried out on “Cloning, Expression and Characterization of a putative transcription factor of *Mycobacterium tuberculosis*”in Rajiv Gandhi center for biotechnology, Trivandrum

ADDITIONAL TRAININGS

- 3 months project training in Rajiv Gandhi center for Biotechnology,Trivandrum
- Attended National Seminar on “**New frontiers in molecular biology**” UGC Sponsored Seminar organized by Mar Athanasius college,kothamangalam,kerala

PERSONAL DETAILS

Date of Birth : 11/05/1991
Nationality : Indian
Sex : Female
Marital Status : Married
Language Known : English, Malayalam and Tamil
Permanent Address : Palackapillil House, Thanel, Janatha Colony, S.R.M. Road,
Ernakulum, Kerala-682012

REFERENCE

- Dr Renjini joseph-MD microbiology
Lourdes hospital,Ernakulam
Mob:9961950004
- Dr Swapna joy -MD microbiology
Renai medcity hospital,Ernakulam
Mob:9895092610

DECLARATION

I hereby declare that the above mentioned details are true to the best of my knowledge.

