

9746478995

maryshantal26082001@gmail.com

DOB-26/08/2001

MARY SHANTAL

Kothattu House
Aroor P.O, 688534
Cherthala, Alappuzha



OBJECTIVE

Ambitious to work under talented and experienced personalities to improve my knowledge and skill and to explore the opportunity in a reputed institution and would like to be a part of ongoing research works.

SKILLS

Good verbal and communication skills
Good leadership skills
Good interpersonal skill
Adaptable
Capable of taking up responsibilities

INTERESTS

Antibiotic sensitivity test, Quality checking, Drug designing, Microbial_Screening/Staining/Biochemical techniques.

EDUCATION

M.Sc.Microbiology

Passing Year - 2022

M.G.University,Kottayam
Presentation College Of Applied Sciences,Puthenvelikara
Grades : Currently pursuing

B.Sc.Microbiology

Passing Year - 2021

M.G.University,Kottayam
Presentation College Of Applied Sciences,Puthenvelikara
Grades : Grade-A
CCPA-7.68

Heigher Secondary-Plus Two(Bio-Maths)

Passing Year - 2018

St.Augustine's H.S.S,Aroor
Grades : 73%

SSLC

Passing Year - 2016

St.Augustine's H.S.S, Aroor
Grades : 94%

PROJECTS

"Evaluation of Antimicrobial Properties against Pathogenic Bacteria by Probiotic *Lactobacilli* species Isolated from Commercial Yoghurt Samples

Milk and milk products have been used by human population since ancient ages and have been a well known source of *Lactobacilli*. The beneficial effects of viable pro-biotic bacteria as dietary supplements have gained huge research interest, *Lactobacillus* spp. with pro-biotic characteristics are widely used to prepare fermented dairy products such as yoghurts, milk shakes etc. This project work aims to examine *Lactobacillus* spp with potential activities. For this study 4 different companies of yoghurt samples were collected for isolation of probiotic *Lactobacillus* spp. Among the sample 32 lactic acid bacteria strains were isolated, 13 best *Lactobacillus* isolates were selected by preliminary screening as potential probiotics with antimicrobial activity against pathogenic bacteria. Based on the results selected *Lactobacillus* isolates were considered as novel and potential probiotic bacteria.

REFERENCE

Dr. Rashmi P.A - Vice Principle

Presentation College of Applied Sciences, Puthenvelikara

Ms.Loretta Alvarez - HOD, Dept. of Microbiology

Presentation College Of Applied Sciences, Puthenvelikara

Ms.Neethu George - Ass.Professor, Department of Microbiology

Presentation College Of Applied Sciences, Puthenvelikara