

# GLORIA VINCENT

## Microbiologist



Enthusiastic Microbiologist with communication and interpersonal skill with the ability to work in terms as well as independently. Passionate and determined to build a research career in Microbiology. Confident in any work environment and putting forth a positive attitude to learn and acquire new skills.

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## EDUCATION

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Post-graduation	<b>M.Sc. Microbiology</b> – 85% Department of Biotechnology Cochin University Science and Technology, South Kalamaserry, Kochi 2021-2023
Graduation	<b>B.Sc. Medical Microbiology</b> – 75% Kerala University of Health Sciences (KUHS) Cooperative Institute of Health Sciences, Thalassery 2016-2021
Senior-secondary	XI-XII Biology Science – 92.3% Board of Higher Secondary Examination Tagore Vidyanikethan GHSS, Taliparamba 2013-2015
Secondary	X – 98% Kerala Board of Public Examinations Naduvil Higher Secondary School, Naduvil

## PROJECT

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- \* “Interaction of Cell fusing agent virus (CFAV) with Dengue and Chikungunya virus *in vitro*” - **ICMR- National Institute of Virology**
- \* “Prevalence of Vulvovaginal Candidiasis among the women of different age group” - Taliparamba Co-operative hospital

## TRAINING/CLINICAL POSTING

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1. ICMR- National Institute of Virology, Pune - January to June 2023
2. Indira Gandhi Co-operative hospital, Thalassery - January to March 2021

3. Taliparamba Co-operative hospital, Taliparamba - April to May 2019
4. Tellicherry Co-operative hospital, Thalassery - July 2018

## SEMINAR/CONFERENCE

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- International online conference “BIOTECHSPECTRUM 2022”, CUSAT, Kochi
- Seminar on “Multidisciplinary approach to good laboratory practice”, Malabar cancer centre, 2018
- CME on “Updates in Microbiology and Immunology”, Malabar cancer centre, 2018

## SKILLS

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- **Techniques in Bacteriology**  
Microscopy - Staining Techniques, Media preparation, Culturing of samples, Identification of pathogens, Antibiotic sensitivity testing etc.
- **Techniques in Virology**  
Cell culture and preservation, Virus stock preparation, Virus isolation, harvesting and titration by different methods
- **Techniques in Mycology**  
Fungal staining, isolation, culturing and identification.
- **Basic microbiological techniques in Parasitology**
- **Serological techniques**  
ELISA, WIDAL, Precipitation and agglutination tests etc.
- **Molecular techniques**  
DNA and RNA isolation, Real time PCR, RT-PCR, Nested PCR, Multiplex PCR, Agarose gel electrophoresis
- **Sanger sequencing**
- **Mosquito trituration and processing**
- **Chromatographic techniques**
- **Microsoft word, excel, PowerPoint, office, GraphPad Prism**

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## REFERENCES

### **Dr. Kavita S. Lole**

Scientist 'F' & Group Leader  
Hepatitis & Medical Entomology  
ICMR-National Institute of Virology, Pune  
[lolekavita37@yahoo.com](mailto:lolekavita37@yahoo.com)

### **Dr. Parvathi A**

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### **Dr. Sarita G Bhat**

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### **Dr. Sreeja Narayanan**

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